

Message

From: McKinney, Jason [McKinney.Jason@epa.gov]
Sent: 5/19/2021 4:54:04 PM
To: Coltrain, Katrina [coltrain.katrina@epa.gov]
Subject: Wilcox Oil Call

Katrina,

Good Morning, I got a call yesterday and today from William Newton and he is in the process of purchasing the property across the street from the old Church. He said it is adjacent to the site. He was told by the lender that the property he is purchasing is clear and has nothing to do with the site.

He has 4 days to pull out of the deal and he would just like to hear from us that the property is good and not contaminated from our site.

Can you give him a call? His number is Ex. 6 Personal Privacy (PP)

I was off yesterday and also off today but I told him either way I would get back to him today. IF you are not working, I was think about getting into contract with Todd.

Let me know what you would like me to do.

Thank you and hope you and your family are safe and well.

Respectfully,

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
Regional Community Advisory Group (CAG) Manager;
Office of the Regional Administrator
Community Involvement Team (ORA-XO)
1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

Message

From: Todd Downham [Todd.Downham@deq.ok.gov]
Sent: 5/19/2021 8:18:57 PM
To: McKinney, Jason [McKinney.Jason@epa.gov]
CC: Coltrain, Katrina [coltrain.katrina@epa.gov]; Amy.Brittain@deq.ok.gov
Subject: RE: Wilcox Oil Call

Thanks Jason. I reached out to Mr. Newton and explained to him that the property has not been "cleared" by EPA or DEQ. He really needs to talk with EPA since there are several potential issues.
I will try to reach out to Katrina and hopefully we can have a call with Mr. Newton this week.
Thank you,

Todd Downham

Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: McKinney, Jason <McKinney.Jason@epa.gov>
Sent: Wednesday, May 19, 2021 12:12 PM
To: Todd Downham <Todd.Downham@deq.ok.gov>
Subject: [EXTERNAL] Wilcox Oil Call

Hi Todd,
Good Afternoon, I got a call yesterday and today from William Newton and he is in the process of purchasing the property across the street from the old Church. He said it is adjacent to the site. He was told by the lender that the property he is purchasing is clear and has nothing to do with the site.
He has 4 days to pull out of the deal and he would just like to hear from us that the property is good and not contaminated from our site.
I emailed Katrina but haven't heard back from her. I told him that one of us would get back to him.
Can you give him a call? His number is Ex. 6 Personal Privacy (PP)
Thank you

Respectfully,

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
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1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

Message

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 5/20/2021 12:23:45 PM
To: Todd Downham [Todd.Downham@deq.ok.gov]; McKinney, Jason [McKinney.Jason@epa.gov]
CC: Amy.Brittain@deq.ok.gov
Subject: RE: Wilcox Oil Call

Morning, I have in in contact with the realtor. I am drafting a letter regarding the property and its status. This letter is currently draft, and once the draft is complete I plan to send to folks for review, including the realtor to confirm that it addresses the questions they have about the property.

thanks

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Todd Downham <Todd.Downham@deq.ok.gov>
Sent: Wednesday, May 19, 2021 3:19 PM
To: McKinney, Jason <McKinney.Jason@epa.gov>
Cc: Coltrain, Katrina <coltrain.katrina@epa.gov>; Amy.Brittain@deq.ok.gov
Subject: RE: Wilcox Oil Call

Thanks Jason. I reached out to Mr. Newton and explained to him that the property has not been "cleared" by EPA or DEQ. He really needs to talk with EPA since there are several potential issues.
I will try to reach out to Katrina and hopefully we can have a call with Mr. Newton this week.
Thank you,

Todd Downham
Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: McKinney, Jason <McKinney.Jason@epa.gov>
Sent: Wednesday, May 19, 2021 12:12 PM
To: Todd Downham <Todd.Downham@deq.ok.gov>
Subject: [EXTERNAL] Wilcox Oil Call

Hi Todd,

Good Afternoon, I got a call yesterday and today from William Newton and he is in the process of purchasing the property across the street from the old Church. He said it is adjacent to the site. He was told by the lender that the property he is purchasing is clear and has nothing to do with the site.

He has 4 days to pull out of the deal and he would just like to hear from us that the property is good and not contaminated from our site.

I emailed Katrina but haven't heard back from her. I told him that one of us would get back to him.

Can you give him a call? His number is

Ex. 6 Personal Privacy (PP)

Thank you

Respectfully,

Jason T. McKinney

Jason T. McKinney

U.S. Environmental Protection Agency, Region 6

Senior Public Affairs Specialist,

Regional Technical Assistance Services for Communities (TASC) Manager,

Regional Community Advisory Group (CAG) Manager;

Office of the Regional Administrator

Community Involvement Team (ORA-XO)

1201 Elm Street, Suite 500

Dallas, TX 75270

Tel: 214-665-8132

Fax: 214-665-6660

Email: mckinney.jason@epa.gov

Message

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 4/15/2019 11:16:32 PM
To: Ex. 6 Personal Privacy (PP)
Subject: Reuse Development Snapshot
Attachments: 100009727.pdf

Ex. 6 Personal Privacy (PP)

Please find attached the reuse development snapshot developed for the site properties. Please let me know if there is anything else.

thanks

Message

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 1/18/2022 4:18:53 PM
To: Braun, Christopher L [clbraun@usgs.gov]; Teeple, Andrew P [apteeple@usgs.gov]
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

That will work. thanks

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Tuesday, January 18, 2022 11:16 AM
To: Teeple, Andrew P <apteeple@usgs.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Katrina,

I know we had mentioned that we could get you something by the end of the month, but we may need an extra week or two to incorporate whatever findings Andy makes during his site reconnaissance into the proposal/workplan that we plan on developing. Let me know if that is going to be a problem.

Thanks,
Chris

From: Teeple, Andrew P <apteeple@usgs.gov>
Sent: Tuesday, January 18, 2022 10:10 AM
To: Todd Downham <Todd.Downham@deq.ok.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

I think the week of the 24th should work out for me. I am available either Monday, Wednesday, or Friday.

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754
e-mail: apteeple@usgs.gov
office: (512) 927-3560

cell: (325) 226-0601

ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Todd Downham <Todd.Downham@deq.ok.gov>

Sent: Friday, January 14, 2022 13:01

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Ex. 6 Personal Privacy (PP) also is not available during the week of the 17th and prefers the following week.

Thank you

From: Coltrain, Katrina <coltrain.katrina@epa.gov>

Sent: Friday, January 14, 2022 12:56 PM

To: Todd Downham <Todd.Downham@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Excellent. Thanks, Todd.

As mentioned previously, it will be best if we can schedule the visit for when Todd is available. I respectfully request that y'all coordinate on schedule and do what is best for each of you (Todd and Andrew). I will not be able to travel for this.

Thanks everyone.

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Todd Downham <Todd.Downham@deq.ok.gov>

Sent: Friday, January 14, 2022 1:45 PM

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

All:

I spoke with Ex. 6 Personal Privacy (PP) today regarding accessing the properties for the additional groundwater work during the week of January 24th or later. They had no concerns but requested to be contacted prior to accessing the properties.

Thanks.

-Todd

Todd Downham

Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Thursday, January 13, 2022 2:23 PM
To: Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteeeple@usgs.gov>
Cc: Todd Downham <Todd.Downham@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

That may be possible. Including the DEQ project manager on the email.

Todd, do you think you would be able to talk with the property owners (Wilcox and Lorraine) so that a site recon can be done next week? Also, if you wish to join Andy that would be awesome as you can give some history, and help find the well locations.

Let me know--thanks

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Thursday, January 13, 2022 3:08 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Teeple, Andrew P <apteeeple@usgs.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Katrina,

I had a call today with some of my coworkers to discuss the Wilcox Oil site, and we were wondering if it might be possible for Andy Teeple to do a site reconnaissance next Thursday or Friday to a.) get a feel for site accessibility for the Geoprobe and geophysical logging truck (looks like the Wilcox Process Area is heavily tree-covered, so options for borehole/piezo installation may be limited) and start thinking about possible borehole/piezo locations, b.) determine locations/condition of existing wells/boreholes in the area of interest, c.) get a feel for general site conditions. He may also bring one of our surface geophysical tools to see if it is able to distinguish the LNAPL signature from the groundwater signature.

Do you think this might be a possibility? If so, would Andy need to arrange site access with anyone?

Thanks,

Christopher Braun
(512) 826-7876 - cell

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Thursday, January 13, 2022 6:31 AM
To: Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Here are the pertinent sections for the Ground water. The focus is on the process areas-Wilcox and Lorraine. The benzene 'plume' is located on Wilcox.

Final Soil Feasibility Study Report: this has the Data Gap information

<https://semspub.epa.gov/work/06/90044670.pdf>

Chapter 3
Appendix B
Figures: 2-3

Borehole Geophysical Field Investigation of Selected Wells at the Wilcox Oil Company Superfund Site, Bristow, Creek County, Oklahoma

<https://semspub.epa.gov/work/06/500025099.pdf>

Final Remedial Investigation Report

<https://semspub.epa.gov/work/06/90043353.pdf>

Chapter 3: Physical Characteristics
Chapter 5: Remedial Investigation Results
Chapter 8: Results and Conclusions
Figures: 1-3, 2-3, 3-1 through 3-8; 3-11; 5-21 through 5-25; 5-33; 5-34
Tables: 3-1; 3-2; 5-7
Appendix E: boring logs

Initial investigation using 3Dmapping, boring data, and LIF data

<https://semspub.epa.gov/src/document/06/500022770>

Aerial Photographs: interesting to see the past operations

<https://semspub.epa.gov/work/06/9812284.pdf>

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Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Wednesday, January 12, 2022 4:31 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

No problem, thank you!

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Wednesday, January 12, 2022 3:27 PM
To: Braun, Christopher L <clbraun@usgs.gov>
Subject: [EXTERNAL] RE: Wilcox Oil Superfund Site

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Chris, apologies in not sending this. I will send the list first thing tomorrow.

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Wednesday, January 12, 2022 4:15 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Wilcox Oil Superfund Site

Katrina,

I'm having a brainstorming session with my coworkers who were on our call last week (as well as a couple of other coworkers), and I wanted to follow up with you about which portion of the site the Technical Request refers to. I found the document repository for the site on EPA's website and was looking at a [soil feasibility study report from August 2021](#) that defines 5 distinct areas on the site... • The Wilcox Process Area • The Lorraine Process Area • The East Tank Farm • The North Tank Farm, and • The Loading Dock Area. Can you tell me which one of these areas we should be focusing on or if it is a combination of more than one area, only a portion of one of the areas, etc.

If you can recommend a more appropriate publication for me to review for background information, that would be very helpful too.

Thanks,
Christopher Braun
(512) 826-7876

Message

From: Teeple, Andrew P [apteep@usgs.gov]
Sent: 2/22/2022 7:52:05 PM
To: Braun, Christopher L [clbraun@usgs.gov]; Coltrain, Katrina [coltrain.katrina@epa.gov]; todd.downham@deq.ok.gov
CC: Kelsey Bufford [Kelsey.Bufford@deq.ok.gov]
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site
Attachments: Wilcox_SiteMap.pdf

Hello all,

Here is the proposed site design for data collection at the Wilcox Oil Company Superfund site. Data to be collected at the site includes frequency domain electromagnetics (FDEM; not shown on map but cover as much ground as possible), direct-current resistivity profiles (red lines; used to calibrate the FDEM to true resistivity values), direct-push cores (orange boxes; installation of piezometers), borehole geophysical logging (at all new piezometers), water-level measurements (at all new and existing piezometer/well locations), and water-quality sampling (at all new and existing piezometer/well locations). Feel free to offer any suggested to the site design. Let me know if you have any questions or concerns. Thanks.

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754
e-mail: apteep@usgs.gov
~~office: (512) 927-3560~~
cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Tuesday, February 15, 2022 9:38
To: Teeple, Andrew P <apteep@usgs.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov <Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

That works for me.

From: Teeple, Andrew P <apteep@usgs.gov>
Sent: Tuesday, February 15, 2022 9:33 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov <Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

How does Tuesday (2/22), 2-3pm eastern (1-2pm central) work for everyone?

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center

1505 Ferguson Lane
Austin, TX 78754
e-mail: apteeple@usgs.gov
office: (512) 927-3560
cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Tuesday, February 15, 2022 9:11
To: Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov <todd.downham@deq.ok.gov>; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Update
Friday, 2-18: available 700am-1000am only

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Coltrain, Katrina
Sent: Tuesday, February 15, 2022 9:17 AM
To: Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Morning,

My times are eastern.
I am available Friday from 700am to 300pm, anytime except 10-11am.
Tuesday, 2-22: from 200pm -300pm
Wednesday, 2-23: 800am-1000am, 1200pm-200pm
Thursday, 2-24: 700am-1130am
Friday 2-25: 700am-300pm, except 1100-1200pm

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>

Sent: Tuesday, February 15, 2022 8:43 AM

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Katrina,

From what Andy told me, the site visit went well. Andy was able to collect some preliminary geophysics data and collected GPS locations for all the piezometers/wells that still exist onsite. Andy also learned a lot about what areas will be accessible to the Geoprobe and which areas are too thick with trees/brush.

I checked in with Andy yesterday, and he was wrapping up a few tasks that have short fuses, and he was going to start working on devising an approach and developing a proposal in the next few days. Once a formal proposal is developed, it will need to be routed through our internal proposal review process, but Andy can comment on whether it might be possible to meet on Friday of this week or early next week to discuss a general approach to the project.

Thanks,
Christopher Braun
(512) 826-7876

From: Coltrain, Katrina <coltrain.katrina@epa.gov>

Sent: Tuesday, February 15, 2022 6:43 AM

To: todd.downham@deq.ok.gov <todd.downham@deq.ok.gov>; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Morning, how did the site visit go?

Chris, what is the prognosis?

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Todd Downham <Todd.Downham@deq.ok.gov>

Sent: Friday, January 28, 2022 9:03 AM

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hi Katrina. I plan on meeting Andrew at the site on Monday (31st)

Todd Downham

Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Friday, January 28, 2022 5:59 AM
To: Teeple, Andrew P <apteep@usgs.gov>; Todd Downham <Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Andrew/Todd, were you able to find a suitable date?

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Teeple, Andrew P <apteep@usgs.gov>
Sent: Monday, January 24, 2022 3:38 PM
To: todd.downham@deq.ok.gov; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

I just wanted to reach out to see if I can come out to recon the Wilcox Oil Superfund site. My week is starting to fill up but I can probably still head out Friday of this week (28th) or my Monday next week is wide open (31st). Let me know if either of these days will work with you all. Thanks.

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754
e-mail: apteep@usgs.gov
office: (512) 927-3560
cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Teeple, Andrew P <apteep@usgs.gov>
Sent: Tuesday, January 18, 2022 10:10
To: Todd Downham <Todd.Downham@deq.ok.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L

<clbraun@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

I think the week of the 24th should work out for me. I am available either Monday, Wednesday, or Friday.

Andrew Teeple

Team Lead of Geophysics and Subsurface Analysis Unit

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cell: (325) 226-0601

ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Todd Downham <Todd.Downham@deq.ok.gov>

Sent: Friday, January 14, 2022 13:01

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

 is also is not available during the week of the 17th and prefers the following week.

Thank you

From: Coltrain, Katrina <coltrain.katrina@epa.gov>

Sent: Friday, January 14, 2022 12:56 PM

To: Todd Downham <Todd.Downham@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Excellent. Thanks, Todd.

As mentioned previously, it will be best if we can schedule the visit for when Todd is available. I respectfully request that y'all coordinate on schedule and do what is best for each of you (Todd and Andrew). I will not be able to travel for this.

Thanks everyone.

Katrina Higgins-Coltrain

Remedial Project Manager

U.S. Environmental Protection Agency, Region 6

Remedial Branch (SEDRL)

1201 Elm Street, Suite 500

Dallas, Texas 75270-2102

214-665-8143

From: Todd Downham <Todd.Downham@deq.ok.gov>

Sent: Friday, January 14, 2022 1:45 PM

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

All:

I spoke with Ex. 6 Personal Privacy (PP) today regarding accessing the properties for the additional groundwater work during the week of January 24th or later. They had no concerns but requested to be contacted prior to accessing the properties.

Thanks.

-Todd

Todd Downham

Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>

Sent: Thursday, January 13, 2022 2:23 PM

To: Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>

Cc: Todd Downham <Todd.Downham@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

That may be possible. Including the DEQ project manager on the email.

Todd, do you think you would be able to talk with the property owners (wilcox and Lorraine) so that a site recon can be done next week? Also, if you wish to join Andy that would be awesome as you can give some history, and help find the well locations.

Let me know--thanks

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To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Teeple, Andrew P <apteep@usgs.gov>

Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Katrina,

I had a call today with some of my coworkers to discuss the Wilcox Oil site, and we were wondering if it might be possible for Andy Teeple to do a site reconnaissance next Thursday or Friday to a.) get a feel for site accessibility for the Geoprobe and geophysical logging truck (looks like the Wilcox Process Area is heavily tree-covered, so options for borehole/piezo installation may be limited) and start thinking about possible borehole/piezo locations, b.) determine locations/condition of existing wells/boreholes in the area of interest, c.) get a feel for general site conditions. He may also bring one of our surface geophysical tools to see if it is able to distinguish the LNAPL signature from the groundwater signature.

Do you think this might be a possibility? If so, would Andy need to arrange site access with anyone?

Thanks,

Christopher Braun

(512) 826-7876 - cell

From: Coltrain, Katrina <coltrain.katrina@epa.gov>

Sent: Thursday, January 13, 2022 6:31 AM

To: Braun, Christopher L <clbraun@usgs.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Here are the pertinent sections for the Ground water. The focus is on the process areas-Wilcox and Lorraine. The benzene 'plume' is located on Wilcox.

Final Soil Feasibility Study Report: this has the Data Gap information

<https://semspub.epa.gov/work/06/90044670.pdf>

Chapter 3

Appendix B

Figures: 2-3

Borehole Geophysical Field Investigation of Selected Wells at the Wilcox Oil Company Superfund Site, Bristow, Creek County, Oklahoma

<https://semspub.epa.gov/work/06/500025099.pdf>

Final Remedial Investigation Report

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Chapter 3: Physical Characteristics

Chapter 5: Remedial Investigation Results

Chapter 8: Results and Conclusions

Figures: 1-3, 2-3, 3-1 through 3-8; 3-11; 5-21 through 5-25; 5-33; 5-34

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Appendix E: boring logs

Initial investigation using 3D mapping, boring data, and LIF data

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Sent: Wednesday, January 12, 2022 4:31 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

No problem, thank you!

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Wednesday, January 12, 2022 3:27 PM
To: Braun, Christopher L <clbraun@usgs.gov>
Subject: [EXTERNAL] RE: Wilcox Oil Superfund Site

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Chris, apologies in not sending this. I will send the list first thing tomorrow.

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study report from August 2021 that defines 5 distinct areas on the site...• The Wilcox Process Area • The Lorraine Process Area • The East Tank Farm • The North Tank Farm, and • The Loading Dock Area. Can you tell me which one of these areas we should be focusing on or if it is a combination of more than one area, only a portion of one of the areas, etc.

If you can recommend a more appropriate publication for me to review for background information, that would be very helpful too.

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Christopher Braun
(512) 826-7876

Message

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 2/23/2022 4:00:11 PM
To: Teeple, Andrew P [apteple@usgs.gov]; Braun, Christopher L [clbraun@usgs.gov]; todd.downham@deq.ok.gov
CC: Kelsey Bufford [Kelsey.Bufford@deq.ok.gov]
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site
Attachments: 2016 Bio Trap MNA Analysis.pdf; SERAS0277-DTR-060216 FINAL 500022770.pdf

Morning, please see attached figure for my thoughts on placement along with some explanation text below. These are just suggestions and if these locations will not provide the information needed or there are other reasons for the location of which I do not fully know or understand, then please disregard.

I am sure you reviewed the figures provided, but for quick reference I pulled some figures I thought were helpful. Also, attached is an MNA analysis completed that included identifying bacteria. Additionally, the SERAS report using LIF may be helpful with the subsurface visualization given that there are a few 3D images included. I have the 4Dim files if you have the program (understand it free to download) to view.

Lorraine (left of RR-tracks):

- Removal #1: remove this and place in an upgradient location. Borings in this vicinity did not observe sheen/product presence and GW flow appears to be nearly westward. The new yellow location expected to provide information for this area.
- Removal #2: removal and place upgradient. This is located where GW10 was once located and borehole geophysical data collected.
- Removal #3: remove these. The new yellow location expected to provide information for this area.

Wilcox

- Removal #4: remove these and place in upgradient location. The spot near the house is a location that the property owner indicated was the historical truck loading area (historical spills).
- Removal #5: remove and place upgradient.
- Removal #6: remove these as they are in the area identified for cleanup action. The most downgradient light blue location may still be present after cleanup work.
- Removal #7: remove and place in a more down gradient direction. Soil borings in the area did not note observed sheen or product (same for the question mark location). The blue dots had exceedances of arsenic.

The light pink dots are over blue dots presented on your map. The most southern is in an area identified for cleanup. The northern one may be the location of a residential well no longer in service and/or abandoned.



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From: Teeple, Andrew P <apteeple@usgs.gov>
Sent: Tuesday, February 22, 2022 2:52 PM
To: Braun, Christopher L <clbraun@usgs.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

Here is the proposed site design for data collection at the Wilcox Oil Company Superfund site. Data to be collected at the site includes frequency domain electromagnetics (FDEM; not shown on map but cover as much ground as possible), direct-current resistivity profiles (red lines; used to calibrate the FDEM to true resistivity values), direct-push cores (orange boxes; installation of piezometers), borehole geophysical logging (at all new piezometers), water-level measurements (at all new and existing piezometer/well locations), and water-quality sampling (at all new and existing piezometer/well locations). Feel free to offer any suggested to the site design. Let me know if you have any questions or concerns. Thanks.

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754
e-mail: apteeple@usgs.gov
office: (512) 927-3560
cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Tuesday, February 15, 2022 9:38
To: Teeple, Andrew P <apteeple@usgs.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov
<Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

That works for me.

From: Teeple, Andrew P <apteeple@usgs.gov>
Sent: Tuesday, February 15, 2022 9:33 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>;
todd.downham@deq.ok.gov <Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

How does Tuesday (2/22), 2-3pm eastern (1-2pm central) work for everyone?

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754
e-mail: apteeple@usgs.gov
office: (512) 927-3560
cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Tuesday, February 15, 2022 9:11

To: Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov <todd.downham@deq.ok.gov>; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Update

Friday, 2-18: available 700am-1000am only

Katrina Higgins-Coltrain
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1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
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From: Coltrain, Katrina
Sent: Tuesday, February 15, 2022 9:17 AM
To: Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Morning,

My times are eastern.

I am available Friday from 700am to 300pm, anytime except 10-11am.

Tuesday, 2-22: from 200pm -300pm

Wednesday, 2-23: 800am-1000am, 1200pm-200pm

Thursday, 2-24: 700am-1130am

Friday 2-25: 700am-300pm, except 1100-1200pm

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From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Tuesday, February 15, 2022 8:43 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Katrina,

From what Andy told me, the site visit went well. Andy was able to collect some preliminary geophysics data and collected GPS locations for all the piezometers/wells that still exist onsite. Andy also learned a lot about what areas will be accessible to the Geoprobe and which areas are too thick with trees/brush.

I checked in with Andy yesterday, and he was wrapping up a few tasks that have short fuses, and he was going to start working on devising an approach and developing a proposal in the next few days. Once a formal proposal is developed, it will need to be routed through our internal proposal review process, but Andy can comment on whether it might be possible to meet on Friday of this week or early next week to discuss a general approach to the project.

Thanks,
Christopher Braun
(512) 826-7876

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Tuesday, February 15, 2022 6:43 AM
To: todd.downham@deq.ok.gov <todd.downham@deq.ok.gov>; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Morning, how did the site visit go?

Chris, what is the prognosis?

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Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Todd Downham <Todd.Downham@deq.ok.gov>
Sent: Friday, January 28, 2022 9:03 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hi Katrina. I plan on meeting Andrew at the site on Monday (31st)

Todd Downham
Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Friday, January 28, 2022 5:59 AM
To: Teeple, Andrew P <apteeple@usgs.gov>; Todd Downham <Todd.Downham@deq.ok.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Andrew/Todd, were you able to find a suitable date?

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1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
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From: Teeple, Andrew P <apteeple@usgs.gov>

Sent: Monday, January 24, 2022 3:38 PM

To: todd.downham@deq.ok.gov; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

I just wanted to reach out to see if I can come out to recon the Wilcox Oil Superfund site. My week is starting to fill up but I can probably still head out Friday of this week (28th) or my Monday next week is wide open (31st). Let me know if either of these days will work with you all. Thanks.

Andrew Teeple
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U.S. Geological Survey - Oklahoma-Texas Water Science Center
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Austin, TX 78754
e-mail: apteeple@usgs.gov
office: (512) 927-3560
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ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Teeple, Andrew P <apteeple@usgs.gov>

Sent: Tuesday, January 18, 2022 10:10

To: Todd Downham <Todd.Downham@deq.ok.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

I think the week of the 24th should work out for me. I am available either Monday, Wednesday, or Friday.

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center

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From: Todd Downham <Todd.Downham@deq.ok.gov>
Sent: Friday, January 14, 2022 13:01
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Ex. 6 Personal Privacy (PP) also is not available during the week of the 17th and prefers the following week.
Thank you

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Friday, January 14, 2022 12:56 PM
To: Todd Downham <Todd.Downham@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Excellent. Thanks, Todd.

As mentioned previously, it will be best if we can schedule the visit for when Todd is available. I respectfully request that y'all coordinate on schedule and do what is best for each of you (Todd and Andrew). I will not be able to travel for this.

Thanks everyone.

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(512) 826-7876

Message

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 2/23/2022 4:02:32 PM
To: Teeple, Andrew P [apteeple@usgs.gov]; Braun, Christopher L [clbraun@usgs.gov]; todd.downham@deq.ok.gov
CC: Kelsey Bufford [Kelsey.Bufford@deq.ok.gov]
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site
Attachments: draft GW plan 2-23-22.pdf

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
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From: Coltrain, Katrina
Sent: Wednesday, February 23, 2022 10:58 AM
To: 'Teeple, Andrew P' <apteeple@usgs.gov>; Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov
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Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Morning, please see attached figure for my thoughts on placement along with some explanation text below. These are just suggestions and if these locations will not provide the information needed or there are other reasons for the location of which I do not fully know or understand, then please disregard.

I am sure you reviewed the figures provided, but for quick reference I pulled some figures I thought were helpful. Also, attached is an MNA analysis completed that included identifying bacteria. Additionally, the SERAS report using LIF may be helpful with the subsurface visualization given that there are a few 3D images included. I have the 4Dim files if you have the program (understand it free to download) to view.

Lorraine (left of RR-tracks):

- Removal #1: remove this and place in an upgradient location. Borings in this vicinity did not observe sheen/product presence and GW flow appears to be nearly westward. The new yellow location expected to provide information for this area.
- Removal #2: removal and place upgradient. This is located where GW10 was once located and borehole geophysical data collected.
- Removal #3: remove these. The new yellow location expected to provide information for this area.

Wilcox

- Removal #4: remove these and place in upgradient location. The spot near the house is a location that the property owner indicated was the historical truck loading area (historical spills).
- Removal #5: remove and place upgradient.
- Removal #6: remove these as they are in the area identified for cleanup action. The most downgradient light blue location may still be present after cleanup work.

- Removal #7: remove and place in a more down gradient direction. Soil borings in the area did not note observed sheen or product (same for the question mark location). The blue dots had exceedances of arsenic.

The light pink dots are over blue dots presented on your map. The most southern is in an area identified for cleanup. The northern one may be the location of a residential well no longer in service and/or abandoned.



Katrina Higgins-Coltrain
 Remedial Project Manager
 U.S. Environmental Protection Agency, Region 6
 Remedial Branch (SEDRL)
 1201 Elm Street, Suite 500
 Dallas, Texas 75270-2102
 214-665-8143

From: Teeple, Andrew P <apteeple@usgs.gov>
Sent: Tuesday, February 22, 2022 2:52 PM
To: Braun, Christopher L <clbraun@usgs.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

Here is the proposed site design for data collection at the Wilcox Oil Company Superfund site. Data to be collected at the site includes frequency domain electromagnetics (FDEM; not shown on map but cover as much ground as possible), direct-current resistivity profiles (red lines; used to calibrate the FDEM to true resistivity values), direct-push cores (orange boxes; installation of piezometers), borehole geophysical logging (at all new piezometers), water-level measurements (at all new and existing piezometer/well locations), and water-quality sampling (at all new and existing piezometer/well locations). Feel free to offer any suggested to the site design. Let me know if you have any questions or concerns. Thanks.

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center
1505 Ferguson Lane
Austin, TX 78754
e-mail: apteeple@usgs.gov
office: (512) 927-3560
cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Tuesday, February 15, 2022 9:38
To: Teeple, Andrew P <apteeple@usgs.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov <Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

That works for me.

From: Teeple, Andrew P <apteeple@usgs.gov>
Sent: Tuesday, February 15, 2022 9:33 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov <Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

How does Tuesday (2/22), 2-3pm eastern (1-2pm central) work for everyone?

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Team Lead of Geophysics and Subsurface Analysis Unit
U.S. Geological Survey - Oklahoma-Texas Water Science Center
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Austin, TX 78754
e-mail: apteeple@usgs.gov
office: (512) 927-3560
cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Tuesday, February 15, 2022 9:11
To: Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov <todd.downham@deq.ok.gov>; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Update
Friday, 2-18: available 700am-1000am only

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Coltrain, Katrina
Sent: Tuesday, February 15, 2022 9:17 AM
To: Braun, Christopher L <clbraun@usgs.gov>; todd.downham@deq.ok.gov; Teeple, Andrew P <apteeple@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Morning,

My times are eastern.
I am available Friday from 700am to 300pm, anytime except 10-11am.
Tuesday, 2-22: from 200pm -300pm
Wednesday, 2-23: 800am-1000am, 1200pm-200pm
Thursday, 2-24: 700am-1130am
Friday 2-25: 700am-300pm, except 1100-1200pm

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U.S. Environmental Protection Agency, Region 6
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1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Tuesday, February 15, 2022 8:43 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Katrina,

From what Andy told me, the site visit went well. Andy was able to collect some preliminary geophysics data and collected GPS locations for all the piezometers/wells that still exist onsite. Andy also learned a lot about what areas will be accessible to the Geoprobe and which areas are too thick with trees/brush.

I checked in with Andy yesterday, and he was wrapping up a few tasks that have short fuses, and he was going to start working on devising an approach and developing a proposal in the next few days. Once a formal proposal is developed, it will need to be routed through our internal proposal review process, but Andy can comment on whether it might be possible to meet on Friday of this week or early next week to discuss a general approach to the project.

Thanks,
Christopher Braun
(512) 826-7876

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Tuesday, February 15, 2022 6:43 AM
To: todd.downham@deq.ok.gov <todd.downham@deq.ok.gov>; Teeple, Andrew P <apteep@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Morning, how did the site visit go?

Chris, what is the prognosis?

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
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1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Todd Downham <Todd.Downham@deq.ok.gov>
Sent: Friday, January 28, 2022 9:03 AM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Teeple, Andrew P <apteep@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hi Katrina. I plan on meeting Andrew at the site on Monday (31st)

Todd Downham
Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division

(405) 702-5136
todd.downham@deq.ok.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Friday, January 28, 2022 5:59 AM
To: Teeple, Andrew P <apteeple@usgs.gov>; Todd Downham <Todd.Downham@deq.ok.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Andrew/Todd, were you able to find a suitable date?

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
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1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Teeple, Andrew P <apteeple@usgs.gov>
Sent: Monday, January 24, 2022 3:38 PM
To: todd.downham@deq.ok.gov; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

I just wanted to reach out to see if I can come out to recon the Wilcox Oil Superfund site. My week is starting to fill up but I can probably still head out Friday of this week (28th) or my Monday next week is wide open (31st). Let me know if either of these days will work with you all. Thanks.

Andrew Teeple
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office: (512) 927-3560
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ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Teeple, Andrew P <apteeple@usgs.gov>
Sent: Tuesday, January 18, 2022 10:10
To: Todd Downham <Todd.Downham@deq.ok.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>
Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hello all,

I think the week of the 24th should work out for me. I am available either Monday, Wednesday, or Friday.

Andrew Teeple
Team Lead of Geophysics and Subsurface Analysis Unit
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cell: (325) 226-0601
ORCID: <http://orcid.org/0000-0003-1781-8354>

From: Todd Downham <Todd.Downham@deq.ok.gov>

Sent: Friday, January 14, 2022 13:01

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Ex. 6 Personal Privacy (PP)

also is not available during the week of the 17th and prefers the following week.

Thank you

From: Coltrain, Katrina <coltrain.katrina@epa.gov>

Sent: Friday, January 14, 2022 12:56 PM

To: Todd Downham <Todd.Downham@deq.ok.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteep@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Excellent. Thanks, Todd.

As mentioned previously, it will be best if we can schedule the visit for when Todd is available. I respectfully request that y'all coordinate on schedule and do what is best for each of you (Todd and Andrew). I will not be able to travel for this.

Thanks everyone.

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Todd Downham <Todd.Downham@deq.ok.gov>

Sent: Friday, January 14, 2022 1:45 PM

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Kelsey Bufford <Kelsey.Bufford@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

All:

I spoke with Ex. 6 Personal Privacy (PP) today regarding accessing the properties for the additional groundwater work during the week of January 24th or later. They had no concerns but requested to be contacted prior to accessing the properties.

Thanks.

-Todd

Todd Downham

Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>

Sent: Thursday, January 13, 2022 2:23 PM

To: Braun, Christopher L <clbraun@usgs.gov>; Teeple, Andrew P <apteeple@usgs.gov>

Cc: Todd Downham <Todd.Downham@deq.ok.gov>

Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

That may be possible. Including the DEQ project manager on the email.

Todd, do you think you would be able to talk with the property owners (wilcox and Lorraine) so that a site recon can be done next week? Also, if you wish to join Andy that would be awesome as you can give some history, and help find the well locations.

Let me know--thanks

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1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
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From: Braun, Christopher L <clbraun@usgs.gov>

Sent: Thursday, January 13, 2022 3:08 PM

To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Teeple, Andrew P <apteeple@usgs.gov>

Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

Katrina,

I had a call today with some of my coworkers to discuss the Wilcox Oil site, and we were wondering if it might be possible for Andy Teeple to do a site reconnaissance next Thursday or Friday to a.) get a feel for site accessibility for the Geoprobe and geophysical logging truck (looks like the Wilcox Process Area is heavily tree-covered, so options for borehole/piezo installation may be limited) and start thinking about possible borehole/piezo locations, b.) determine locations/condition of existing wells/boreholes in the area of interest, c.) get a feel for general site conditions. He may also bring one of our surface geophysical tools to see if it is able to distinguish the LNAPL signature from the groundwater signature.

Do you think this might be a possibility? If so, would Andy need to arrange site access with anyone?

Thanks,
Christopher Braun
(512) 826-7876 - cell

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Thursday, January 13, 2022 6:31 AM
To: Braun, Christopher L <clbraun@usgs.gov>
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Here are the pertinent sections for the Ground water. The focus is on the process areas-Wilcox and Lorraine. The benzene 'plume' is located on Wilcox.

Final Soil Feasibility Study Report: this has the Data Gap information

<https://semspub.epa.gov/work/06/90044670.pdf>

Chapter 3

Appendix B

Figures: 2-3

Borehole Geophysical Field Investigation of Selected Wells at the Wilcox Oil Company Superfund Site, Bristow, Creek County, Oklahoma

<https://semspub.epa.gov/work/06/500025099.pdf>

Final Remedial Investigation Report

<https://semspub.epa.gov/work/06/90043353.pdf>

Chapter 3: Physical Characteristics

Chapter 5: Remedial Investigation Results

Chapter 8: Results and Conclusions

Figures: 1-3, 2-3, 3-1 through 3-8; 3-11; 5-21 through 5-25; 5-33; 5-34

Tables: 3-1; 3-2; 5-7

Appendix E: boring logs

Initial Investigation using 3Dmapping, boring data, and LIF data

<https://semspub.epa.gov/src/document/06/500022770>

Aerial Photographs: interesting to see the past operations

<https://semspub.epa.gov/work/06/9812284.pdf>

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Wednesday, January 12, 2022 4:31 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

No problem, thank you!

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Wednesday, January 12, 2022 3:27 PM
To: Braun, Christopher L <clbraun@usgs.gov>
Subject: [EXTERNAL] RE: Wilcox Oil Superfund Site

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Chris, apologies in not sending this. I will send the list first thing tomorrow.

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Wednesday, January 12, 2022 4:15 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Wilcox Oil Superfund Site

Katrina,

I'm having a brainstorming session with my coworkers who were on our call last week (as well as a couple of other coworkers), and I wanted to follow up with you about which portion of the site the Technical Request refers to. I found the document repository for the site on EPA's website and was looking at a soil feasibility study report from August 2021 that defines 5 distinct areas on the site... • The Wilcox Process Area • The

Lorraine Process Area • The East Tank Farm • The North Tank Farm, and • The Loading Dock Area. Can you tell me which one of these areas we should be focusing on or if it is a combination of more than one area, only a portion of one of the areas, etc.

If you can recommend a more appropriate publication for me to review for background information, that would be very helpful too.

Thanks,
Christopher Braun
(512) 826-7876

Message

From: Todd Downham [Todd.Downham@deq.ok.gov]
Sent: 1/25/2022 4:27:59 PM
To: Teeple, Andrew P [apteep@usgs.gov]; Coltrain, Katrina [coltrain.katrina@epa.gov]; Braun, Christopher L [clbraun@usgs.gov]
CC: Kelsey Bufford [Kelsey.Bufford@deq.ok.gov]
Subject: RE: [EXTERNAL] RE: Wilcox Oil Superfund Site

Hi Andrew. I left you a voicemail yesterday on your cell number. Is there a better contact number for you?
Let's plan on Monday (31st) if that still works for you.

Thank you

Todd Downham

Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: Teeple, Andrew P <apteep@usgs.gov>
Sent: Monday, January 24, 2022 2:38 PM
To: Todd Downham <Todd.Downham@deq.ok.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>; Braun, Christopher L <clbraun@usgs.gov>
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Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

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Ex. 6 Personal Privacy (PP)

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From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Wednesday, January 12, 2022 4:31 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Re: [EXTERNAL] RE: Wilcox Oil Superfund Site

No problem, thank you!

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Wednesday, January 12, 2022 3:27 PM
To: Braun, Christopher L <clbraun@usgs.gov>
Subject: [EXTERNAL] RE: Wilcox Oil Superfund Site

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Chris, apologies in not sending this. I will send the list first thing tomorrow.

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: Braun, Christopher L <clbraun@usgs.gov>
Sent: Wednesday, January 12, 2022 4:15 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Wilcox Oil Superfund Site

Katrina,

I'm having a brainstorming session with my coworkers who were on our call last week (as well as a couple of other coworkers), and I wanted to follow up with you about which portion of the site the Technical Request refers to. I found the document repository for the site on EPA's website and was looking at a [soil feasibility study report from August 2021](#) that defines 5 distinct areas on the site... • The Wilcox Process Area • The Lorraine Process Area • The East Tank Farm • The North Tank Farm, and • The Loading Dock Area. Can you tell

me which one of these areas we should be focusing on or if it is a combination of more than one area, only a portion of one of the areas, etc.

If you can recommend a more appropriate publication for me to review for background information, that would be very helpful too.

Thanks,
Christopher Braun
(512) 826-7876

Appointment

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 5/21/2020 12:53:58 PM
To: Meyer, John [Meyer.John@epa.gov]; Howard, Amber [Howard.Amber@epa.gov]; Atkins, Blake [atkins.blake@epa.gov]
CC: Rhotenberry, William [Rhotenberry.William@epa.gov]; Stankosky, Laura [stankosky.laura@epa.gov]; Turner, Philip [Turner.Philip@epa.gov]; Hebert, Michael [hebert.michael@epa.gov]
BCC: R6-ConfRm-3F-NW3880 (20 sets) [R6-ConfRm-3F-NW3880@epa.gov]
Subject: Wilcox FS Screening, PRG, and RAOs
Location: R6-ConfRm-3F-NW3880 (20 sets)
Start: 6/3/2020 7:00:00 PM
End: 6/3/2020 8:30:00 PM
Show Time As: Tentative

Required Attendees: Meyer, John; Howard, Amber; Atkins, Blake
Optional Attendees: Rhotenberry, William; Stankosky, Laura; Turner, Philip; Hebert, Michael

All, this is a meeting to discuss the FS screening for Wilcox Oil Company, as well as the proposed PRGs and RAOs.

The technical memo and any discussion slides will be provided prior to the meeting.

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Conference ID: Ex. 6 Personal Privacy (PP)

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Appointment

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 6/1/2020 2:14:46 PM
To: Meyer, John [Meyer.John@epa.gov]; Howard, Amber [Howard.Amber@epa.gov]; Atkins, Blake [atkins.blake@epa.gov]
CC: Rhotenberry, William [Rhotenberry.William@epa.gov]; Stankosky, Laura [stankosky.laura@epa.gov]; Turner, Philip [Turner.Philip@epa.gov]; Hebert, Michael [hebert.michael@epa.gov]
BCC: R6-ConfRm-3F-NW3880 (20 sets) [R6-ConfRm-3F-NW3880@epa.gov]
Subject: Wilcox FS Screening, PRG, and RAOs
Location: R6-ConfRm-3F-NW3880 (20 sets)
Start: 6/4/2020 3:00:00 PM
End: 6/4/2020 4:00:00 PM
Show Time As: Tentative

Required Attendees: Meyer, John; Howard, Amber; Atkins, Blake
Optional Attendees: Rhotenberry, William; Stankosky, Laura; Turner, Philip; Hebert, Michael

All, this is a meeting to discuss the FS screening for Wilcox Oil Company, as well as the proposed PRGs and RAOs.

The technical memo and any discussion slides will be provided prior to the meeting.

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Appointment

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 6/4/2020 12:03:07 PM
To: Meyer, John [Meyer.John@epa.gov]; Howard, Amber [Howard.Amber@epa.gov]; Atkins, Blake [atkins.blake@epa.gov]
CC: Rhotenberry, William [Rhotenberry.William@epa.gov]; Stankosky, Laura [stankosky.laura@epa.gov]; Turner, Philip [Turner.Philip@epa.gov]; Hebert, Michael [hebert.michael@epa.gov]
BCC: R6-ConfRm-3F-NW3880 (20 sets) [R6-ConfRm-3F-NW3880@epa.gov]
Subject: Wilcox FS Screening, PRG, and RAOs
Location: R6-ConfRm-3F-NW3880 (20 sets)
Start: 6/5/2020 6:30:00 PM
End: 6/5/2020 7:30:00 PM
Show Time As: Tentative

Required Attendees: Meyer, John; Howard, Amber; Atkins, Blake
Optional Attendees: Rhotenberry, William; Stankosky, Laura; Turner, Philip; Hebert, Michael

All, this is a meeting to discuss the FS screening for Wilcox Oil Company, as well as the proposed PRGs and RAOs.

The technical memo and any discussion slides will be provided prior to the meeting.

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[Find a local number](#)

Conference ID: **Ex. 6 Personal Privacy (PP)**

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Appointment

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 6/10/2020 12:16:43 PM
To: Coltrain, Katrina [coltrain.katrina@epa.gov]; Meyer, John [Meyer.John@epa.gov]; Howard, Amber [Howard.Amber@epa.gov]; Atkins, Blake [atkins.blake@epa.gov]; Benton, Marvin [Benton.Marvin@epa.gov]; Nixon, Lance [Nixon.Lance@epa.gov]; Turner, Philip [Turner.Philip@epa.gov]; Hebert, Michael [hebert.michael@epa.gov]; Stankosky, Laura [stankosky.laura@epa.gov]; Rhotenberry, William [Rhotenberry.William@epa.gov]; Todd Downham [todd.downham@deq.ok.gov]; amy brittain [amy.brittain@deq.ok.gov]; McKinney, Jason [McKinney.Jason@epa.gov]; Johnson, WilliamG2 (Billy) [Johnson.WilliamG2@epa.gov]; Truhe, John (ATSDR/DCHI/CB) [kta3@cdc.gov]; Fisher, Jonathan C [jonathan_fisher@fws.gov]; Louis, Egide (ATSDR/DCHI/CB) [pjy0@cdc.gov]; Young, Patrick (ATSDR/DCHI/CB) [pay9@cdc.gov]; Robinson, Robert E. (ATSDR/DCHI/OD) [fxc6@cdc.gov]; Wilson, Karl [Wilson.Karl@epa.gov]
CC: Kelsey Bufford [Kelsey.Bufford@deq.ok.gov]
Subject: Wilcox FS Scoping
Attachments: FS scoping RAOs PRGs soil 6-30-2020.pdf
Location: Microsoft Teams Meeting
Start: 7/1/2020 7:00:00 PM
End: 7/1/2020 8:30:00 PM
Show Time As: Busy

Required Attendees: Meyer, John; Howard, Amber; Atkins, Blake; Benton, Marvin; Nixon, Lance; Turner, Philip; Hebert, Michael; Stankosky, Laura; Rhotenberry, William; Todd Downham; amy brittain; McKinney, Jason; Johnson, WilliamG2 (Billy); Truhe, John (ATSDR/DCHI/CB); Fisher, Jonathan C; Louis, Egide (ATSDR/DCHI/CB); Young, Patrick (ATSDR/DCHI/CB); Robinson, Robert E. (ATSDR/DCHI/OD); Wilson, Karl
Optional Attendees: Kelsey Bufford

All, this is a meeting to discuss the FS screening for Wilcox Oil Company, as well as the proposed PRGs and RAOs.

The technical memo and any discussion slides will be provided prior to the meeting.

Join Microsoft Teams Meeting

Ex. 6 Personal Privacy (PP) United States, Washington DC (Toll)

Conference ID: **Ex. 6 Personal Privacy (PP)**

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Appointment

From: Matt Salinger [m.salinger@erllc.com]
Sent: 9/11/2020 4:16:17 PM
To: Matt Salinger [m.salinger@erllc.com]; Coltrain, Katrina [coltrain.katrina@epa.gov]
CC: Dave Brinkmeyer [d.brinkmeyer@erllc.com]; Laura Lang [l.lang@erllc.com]

Subject: Wilcox Oil Cleanup Strategy Site Planning Call

Location: **Ex. 6 Personal Privacy (PP)**

Start: 9/14/2020 5:00:00 PM

End: 9/14/2020 6:00:00 PM

Show Time As: Busy

Recurrence: (none)

Call Information

Ex. 6 Personal Privacy (PP)

Confidentiality Warning: This e-mail and any attachments contain information intended only for the use of the individual or entity named above. If the reader of this e-mail is not the intended recipient or the employee or agent responsible for delivering it to the intended recipient, any dissemination, publication or copying of this e-mail is strictly prohibited. Although this email has been scanned for malware, the sender does not accept any responsibility for any loss, disruption or damage to your data or computer system that may occur while using data contained in, or transmitted with, this e-mail. If you have received this e-mail in error, please immediately notify by return e-mail. Thank you.

Appointment

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 7/2/2020 1:05:59 PM
To: Coltrain, Katrina [coltrain.katrina@epa.gov]; Turner, Philip [Turner.Philip@epa.gov]; Rauscher, Jon [Rauscher.Jon@epa.gov]; Patrick Appel [pappel@eaest.com]; 'Barry Forsythe' [barry_forsythe@fws.gov]
CC: Beauchemin, Melissa [mbeauchemin@eaest.com]; Wallace-Wymore, Kimberly [kwymore@eaest.com]
Subject: Further Refinement of the Mn and Zn PRGs
Attachments: FS scoping RAOs PRGs soil 6-30-2020.pdf
Location: Microsoft Teams Meeting
Start: 7/6/2020 3:30:00 PM
End: 7/6/2020 4:30:00 PM
Show Time As: Busy

Required Attendees: Turner, Philip; Rauscher, Jon; Patrick Appel; 'Barry Forsythe'
Optional Attendees: Beauchemin, Melissa

Review Ecological Assessments for Zinc and Manganese: are these site-operation related; what are the population impacts

Join Microsoft Teams Meeting

Ex. 6 Personal Privacy (PP) United States, Washington DC (Toll)

Conference ID **Ex. 6 Personal Privacy (PP)**

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Message

From: Ex. 6 Personal Privacy (PP)
Sent: 3/7/2018 11:05:30 PM
To: Coltrain, Katrina [coltrain.katrina@epa.gov]
CC: Luckett, Casey [Luckett.Casey@epa.gov]; todd.downham@deq.ok.gov
Subject: Re: Wilcox Oil Company Superfund Site

Thank you for the info and references. I will review them all and send this email to my lender so everyone is on the same page.

Talk to you soon and thank you again.

Ex. 6 Personal Privacy (PP)

On Mar 7, 2018 4:07 PM, "Coltrain, Katrina" <coltrain.katrina@epa.gov> wrote:

Ex. 6 Personal Privacy (PP) good to talk with you today. Please find listed below some information related to the property for sale and located within the boundaries of the Superfund Site. These document can be found on the website: <https://www.epa.gov/superfund/wilcox-oil>. On the left side of the page is a link for "Site documents and Data". The link for technical documents is where you will find these reports.

Also, included under the community involvement documents are copies of past slide presentations on the work completed and planned for the site. I also included an interesting historic figure of the facility during operations.

I have also include Casey Luckett-Snyder (214-665-7393), our reuse coordinator. She is available to discuss the site with you, the process and the paperwork we will be able to provide related to this property and its purchase.

The reports with the most recent information include:

Weston Solutions. 2016. *Removal Assessment Report for Wilcox Oil Company*. Wilcox Oil Company, Bristow, Creek County, Oklahoma, EPA CERCLA ID OKD00101917. Prepared for the U.S. Environmental Protection Agency. January.

Lockheed Martin SERAS (LMS). 2016. *Trip Report: November 30 through December 16, 2015, Wilcox Oil Company Superfund Site*. Work Assignment No. SERAS-277. Prepared for EPA Environmental Response Team. June 2.

These reports discuss the sampling and proposed sampling locations. As discussed, the most recent data were collected in November 2017 and we are awaiting results from the laboratory.

EA Engineering, Science, and Technology, Inc., PBC (EA). 2016. Remedial Investigation/Feasibility Study Sampling and Analysis Plan (Revision 1) for Wilcox Oil Company Superfund Site, Bristow, Creek County, Oklahoma. September 12.

EA Engineering, Science, and Technology, Inc., PBC (EA). 2016. Remedial Investigation/Feasibility Study Sampling and Analysis Plan (Revision 1) Addendum for Wilcox Oil Company Superfund Site, Bristow, Creek County, Oklahoma. September 12.

Some older documents included on the website

Oklahoma Department of Environmental Quality (ODEQ). 1994. Preliminary Assessment of the Wilcox Oil Company Located in Bristow, Creek County, Oklahoma. 15 December.

———. 2008. Preliminary Assessment of the Lorraine Refinery Site Located near Bristow, Creek County, Oklahoma. 28 September.

———. 2009. Site Inspection of the Lorraine Refinery (Lorraine Refining Company), Creek County, Oklahoma. 18 August.

———. 2010. Expanded Site Inspection Report, Lorraine Refinery, Creek County, Oklahoma. 29 September.

———. 2011. Expanded Site Inspection Report, Wilcox Refinery, Creek County, Oklahoma. 8 June.

———. 2012. Supplemental Expanded Site Inspection, Wilcox Refinery, Creek County, Oklahoma. March 9.

Weston Solutions (formerly Roy F. Weston, Inc.) (Weston). 1997. Expanded Site Inspection Report, Wilcox Oil Company, Bristow, Creek County, Oklahoma, EPA CERCLA ID OKD00101917. Prepared for the U.S. Environmental Protection Agency. March.

Ecology and Environment, Inc. (E&E). 1999. Site Assessment Report for Wilcox Refinery, Bristow, Creek County, Oklahoma. March.

Katrina Higgins-Coltrain

Remedial Project Manager

US EPA Region 6

LA/OK/NM Section (6SF-RL)

1445 Ross Avenue

Dallas, Texas 75202

214-665-8143

Message

From: Coltrain, Katrina [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6C65407B58D44284B50F869DF1274022-COLTRAIN, KATRINA]
Sent: 3/7/2018 10:07:00 PM
To: Ex. 6 Personal Privacy (PP)
CC: Luckett, Casey [Luckett.Casey@epa.gov]; Todd Downham [todd.downham@deq.ok.gov]
Subject: Wilcox Oil Company Superfund Site
Attachments: Wilcox.jpg

Ex. 6 Personal Privacy (PP) good to talk with you today. Please find listed below some information related to the property for sale and located within the boundaries of the Superfund Site. These document can be found on the website: <https://www.epa.gov/superfund/wilcox-oil>. On the left side of the page is a link for "Site documents and Data". The link for technical documents is where you will find these reports.

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Lockheed Martin SERAS (LMS). 2016. *Trip Report: November 30 through December 16, 2015, Wilcox Oil Company Superfund Site*. Work Assignment No. SERAS-277. Prepared for EPA Environmental Response Team. June 2.

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———. 2008. Preliminary Assessment of the Lorraine Refinery Site Located near Bristow, Creek County, Oklahoma. 28 September.

———. 2009. Site Inspection of the Lorraine Refinery (Lorraine Refining Company), Creek County, Oklahoma. 18 August.

———. 2010. Expanded Site Inspection Report, Lorraine Refinery, Creek County, Oklahoma. 29 September.

———. 2011. Expanded Site Inspection Report, Wilcox Refinery, Creek County, Oklahoma. 8 June.

———. 2012. Supplemental Expanded Site Inspection, Wilcox Refinery, Creek County, Oklahoma. March 9.

Weston Solutions (formerly Roy F. Weston, Inc.) (Weston). 1997. Expanded Site Inspection Report, Wilcox Oil Company, Bristow, Creek County, Oklahoma, EPA CERCLA ID OKD00101917. Prepared for the U.S. Environmental Protection Agency. March.

Ecology and Environment, Inc. (E&E). 1999. Site Assessment Report for Wilcox Refinery, Bristow, Creek County, Oklahoma. March.

Katrina Higgins-Coltrain
Remedial Project Manager
US EPA Region 6
LA/OK/NM Section (6SF-RL)
1445 Ross Avenue
Dallas, Texas 75202
214-665-8143

Message

From: Todd Downham [Todd.Downham@deq.ok.gov]
Sent: 7/18/2017 4:13:09 PM
To: Mason, Steve [mason.steve@epa.gov]; Coltrain, Katrina [coltrain.katrina@epa.gov]
Subject: Waste Characterizaion for Removal Action at Wilcox Site

Steve,

I spoke with Todd Green at the American Environmental Landfill in Sand Springs, Ok. this morning about waste characterization for the material from the Ex. 6 Personal Privacy (PP) at Wilcox.

I described the material to Mr. Green and he felt very comfortable with any of the following sampling approaches:

- 1 sample comprised of a 10 point composite
- 4 samples comprised of 4 point composite for each sample
- 2 samples comprised of a 5 point composite for each sample

Aliquots/grabs collected for compositing should be collected from areas (in situ) within the excavation area that are representative of the areas to be removed (various lengths, widths, and depths of the area).

I hope this helps. Feel free to call me if you have any questions.

Thanks

Todd Downham

Environmental Programs Specialist
Department of Environmental Quality
Site Remediation Section
Land Protection Division

(405) 702-5136

todd.downham@deq.ok.gov

REMOVAL ACTION REPORT
FOR
WILCOX OIL RESIDENCE SITE REMOVAL
Ex. 6 Personal Privacy (PP) STREET
BRISTOW, CREEK COUNTY, OKLAHOMA

Prepared for

U.S. Environmental Protection Agency Region 6
Will LaBombard, Project Officer
1445 Ross Avenue
Dallas, Texas 75202

Contract No. EP-S5-17-02
Technical Direction Document No. 0001/17-065
WESTON Work Order No. 20600.012.001.1065
NRC No. N/A
SEMS ID OK0001010917
FPN No. N/A
SSID A6GG
EPA OSC Steve Mason
START PTL Derrick Cobb

Prepared by

Weston Solutions, Inc.
Cecilia H. Shappee, P.E., Program Manager
5599 San Felipe, Suite 700
Houston, Texas 77056
(713) 985-6600

December 2017

EXECUTIVE SUMMARY

The U.S. Environmental Protection Agency (EPA) Region 6 Superfund Technical Assessment Response Team (START) contractor Weston Solutions, Inc. (WESTON[®]) was tasked by EPA Region 6 Emergency Management Branch (EMB) under contract EP-S5-17-02, Technical Direction Document (TDD) 0001/17-065 to provide technical assistance with a residential removal action at the Wilcox Oil Superfund Site, located in Bristow, Creek County, Oklahoma. The Superfund Enterprise Management System (SEMS) Identification Number for the site is OK0001010917.

The focus of this removal action was to remove oily sludge and oily contaminated soils from the residential property identified as Property 006 during previous assessment activities conducted under Technical Direction Document (TDD) 5/WESTIB-042-15-004. Emergency and Rapid Response Services (ERRS) contractor Environmental Restoration LLC (ER) was responsible for the excavation/disposal of oily sludge and contaminated soil, and restoration activities at Property 006. The removal activities took place between 27 September and 11 October 2017. Removal activities and analytical results are summarized as follows:

- Removal and disposal of 1,349 tons (approximately 921 cubic yards) of oil impacted soils and sludge.
- Four five-point composite confirmation samples collected from the bottom of the excavation area, did not exceed the site-specific action level of 0.11 milligrams per kilograms (mg/kg) for benzo(a)pyrene.
- Restoration of the property and driveway to pre-removal conditions.

START compiled logbook and photographic documentation of the removal activities utilizing SCRIBE and Response Manager.

This Removal Action Report was prepared to describe the technical scope of work that was completed as part of the TDD No. 0001/17-065. The EPA On-scene Coordinator (OSC) was Steve Mason. The EPA Team Project Team Leader (PTL) was Derrick Cobb.

☐

The EPA Task Monitor did not provide final approval of this report prior to the completion date of the work assignment. Therefore, Weston Solutions, Inc. has submitted this report absent the Task Monitor's approval.

☒

The EPA Task Monitor has provided final approval of this report. Therefore, Weston Solutions, Inc. has submitted this report with the Task Monitor's approval.

TABLE OF CONTENTS

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Appendix A Site Logbook


Appendix B Digital Photographs

Appendix C Waste Manifests

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Appendix E Data Validation Packages

Appendix F Analytical Results

Appendix G  Technical Direction Document No. 0001/17-065

Appendix H Quality Assurance Sampling Plan

Waste Manifests are too faint to read; can these be made more legible?

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1 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 6 Superfund Technical Assessment Response Team (START) contractor, Weston Solutions, Inc. (WESTON®) was tasked by Region 6 EPA Emergency Management Branch (EMB) under Contract Number EP-S5-17-02 Technical Direction Document (TDD) No. 0001/17-065 (Appendix H) to provide technical assistance, contractor oversight, and documentation of on-site activities during the removal action at the Wilcox Oil Residence site. A Site Location Map is provided as Figure 1-1. The removal action included the excavation of oily impacted soils and sludge, confirmation sampling, and site restoration.

This removal action report describes the technical scope of work for removal activities at the Wilcox Oil Residence Site Removal conducted by Environmental Restoration LLC (ER), the Emergency and Rapid Response Services (ERRS) contractors. The EPA On-scene Coordinator (OSC) was Steve Mason. The EPA Team Project Team Leader (PTL) was Derrick Cobb. The EPA Superfund Enterprise Management System (SEMS) Identification number for the site is OK0001010917.

1.1 PROJECT OBJECTIVES

The objective of this removal action was to eliminate the imminent threat and substantial endangerment to public health and welfare and the environment posed by on-site hazardous substances, pollutants, and contaminants at the Wilcox Oil Residence site. EPA accomplished the project objective through excavation and off-site disposal of oil impacted soils and sludge.

The objectives were achieved by excavation and off-site disposal of oily impacted soils, coordinating with EPA OSC Mason, and providing written and photographic documentation of site removal activities.

1.2 SCOPE OF WORK

The Removal Action scope of work included the following activities:

- Excavated and disposed oily impacted soils and sludge off-site.

- Conducted ambient air monitoring during removal activities.
- Collected confirmation samples from the bottom of the excavation areas to document that oil impacted soils and sludge were removed.
- Conducted site restoration activities once confirmation soil results determined that removal action objectives were met.
- Provided oversight and documentation of removal activities.
- Coordinated with EPA OSC and ERRS contractors.

1.3 REPORT FORMAT

This report has been organized as follows:

- Section 1 - Introduction
- Section 2 - Site Background
- Section 3 - Actions Taken
- Section 4 – Sample Analyses and Data Evaluation
- Section 5 - Summary

Additional information is provided in the appendices following the text of this report. The appendices are as follows:

- Appendix A Site Logbook
- Appendix B Digital Photographs
- Appendix C Waste Manifests
- Appendix D Pollution Reports
- Appendix E Data Validation Packages
- Appendix F Analytical Results
- Appendix G Quality Assurance Sampling Plan
- Appendix H Technical Direction Document No. 0001/17-065

2 SITE BACKGROUND

This section presents a summary of background information for the Wilcox Oil Superfund Site including site location and description, operational and regulatory history, previous investigations, and sources of contamination.

2.1 SITE LOCATION AND DESCRIPTION

The Wilcox Oil Residence Site (Property 006) is part of the Wilcox Oil Superfund Site, an abandoned oil refinery and associated tank farm located north of Bristow, Creek County, Oklahoma. The geographic coordinates of the site are approximately Latitude 35.842144° North and Longitude -96.381456° West. The former Lorraine Refinery, including an associated tank farm, operated under numerous companies from approximately 1915 to 1937 when the property was sold to Wilcox Oil and Gas Company. Wilcox Oil and Gas Company purchased refinery operations on the remaining acres east of the railroad tracks and operated as a crude oil refinery from the 1920s until the property was sold on 01 November 1963. The site encompasses approximately 140 to 150 acres. A Site Area Map is provided as Figure 2-1, and a Site Property Map is provided as Figure 2-2.

The Wilcox Oil Superfund site is bordered by Route 66 to the west; a residential area and Turner Turnpike to the northwest and north; Sand Creek to the southwest; and residential, agricultural, and wooded areas to the east and south. The topography in the vicinity of the site slopes to the south. Surface water runoff would follow the topography in the vicinity of the site. There are several fresh water ponds on the site, and some local residents indicated that, historically, fishing has occurred. Two intermittent streams drain the eastern and western portions of the site, and these streams flow south into Sand Creek.

The former Wilcox Oil Process Area is fenced while residential and agricultural properties on the site are partially fenced with barbed wire. A chain-link fence was installed around the former Lorraine Process Area during the Phase II Removal Assessment.

The Wilcox Oil Superfund site is divided into five major former operational areas: The Wilcox Refinery, the Lorraine Refinery, the North Tank Farm, the East Tank Farm, and the Loading Dock

Area. These five areas are described as follows:

- The former Wilcox Refinery Area is fenced and covers approximately 26 acres. Most of the equipment and storage tanks that remained on-site in 1963 were auctioned and have been salvaged for scrap iron by private land owners, and what remains are in ruins. Four aboveground storage tanks (ASTs) (12,500 gallons each) remain standing. In addition to a number of buildings, discarded vegetation, barren areas, and black tarry waste of a hydrocarbon nature are visible. A building in the northern part of the former refinery has been converted to a residence. An intermittent creek flows southward across the eastern portion of the refinery area through a small pond in the southeastern corner of the refinery area and into Sand Creek.
- The former Lorraine Refinery Area covers approximately 8 acres and includes the southwestern portion of the site, south of Refinery Road and west of the railroad. No refinery structures remain in the processing area. The First Assembly of God Church, a playground, and one residence are located here. There are multiple areas of stressed vegetation, barren areas, and visible black tarry waste of hydrocarbon nature.
- The East Tank Farm was a large crude tank storage area/tank farm covering approximately 80 acres and contains pits, ponds, and a number of circular berms that surrounded tank locations. All of the tanks have been cut down and removed; however, remnants of the tank locations remain and are visible. Many of the berms surrounding the pits, ponds, and former tanks have been cut or leveled. An intermittent creek is located in the eastern portion of the tank farm and flows south to Sand Creek. A pumping or gas compressor station exists in the north-central portion of the site, and an active pipeline crosses from northwest to southeast across the middle of the site. There are four residences located on top of or directly next to former tank locations. There are multiple areas of stressed vegetation, barren areas, and visible black tarry waste of a hydrocarbon nature. Waste was also observed in several drainage channels that empty into Sand Creek.
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A modern oil refining plant was constructed in 1929. The upgraded facility had an operating capacity of 4,000 barrels of crude oil per day. The main components of the system consisted of a skimming plant, cracking unit, and re-distillation battery with a vapor recovery system and

continuous treating equipment. The crude oil was brought directly from the field, eliminating storage and handling facilities, but resulting in crude oil with high sediment and water.

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The refinery waste source areas of concern include a backfilled oil waste pond and pit, a breached settling pond, a former pond apparently backfilled with solid refinery waste, and a number of former tank storage areas. The contaminants of concern are metals and organic compounds (Total Petroleum Hydrocarbons [TPH] and Polycyclic Aromatic Hydrocarbons [PAHs]). These potential contaminants of concern are found in soil, sediment, and waste material.

Specifically, Property 006 (subject to this removal action) is currently occupied by a family. During previous assessment activities, benzo(a)pyrene was found at concentrations that exceeded the residential screening value of 0.11 milligrams per kilogram (mg/kg) at depths ranging from the ground surface to 24-inches below ground surface (bgs). No other PAHs or TPH exceedances were reported for Property 006.

2.3 SUMMARY OF PREVIOUS INVESTIGATIONS

Multiple investigations have been performed on the Wilcox Oil site since 1994. These documents were used to summarize the site background and regulatory history described above.

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Results from previous investigations are presented in the EPA START-3 *Wilcox Oil Company Superfund Site Removal Assessment Report*, (TDD No. 5/WESTON-042-15-004) dated January 2016.

3 ACTIONS TAKEN

During this Wilcox Oil Residence Site Removal action, EPA removed sludge and oil impacted soil identified during the removal assessment and transported the material off-site for disposal. On 27 September 2017, ERRS, START, and EPA mobilized to Bristow, Creek County, Oklahoma, to begin preparing the site for removal activities that commenced on 28 September 2017. Preparations included identifying utility locations following mark-outs by the utility service providers, procuring equipment and materials required for removal activities, and setup of the Mobile Mini command post.

From 28 September through 11 October 2017, the EPA Team conducted the removal action that included the excavation area to depths between 6 inches and 48 inches. While on-site, the EPA Team provided written, photographic, and cost documentation for on-site activities. On-site activities included soil excavation, confirmation sampling, ambient air monitoring, site restoration, and communicating with the property owner. Additionally, START documented the excavation boundaries on Property 006, following excavation activities using a Geographic Information System (GIS) and handheld Geographic Positioning System (GPS) unit. The following components of this removal action were completed and are described in this section:

- Soil Removal
- Confirmation Sampling
- Ambient Air Monitoring
- Site Restoration

Pollution Reports (POLREPs) were written by the EPA Team to provide status updates regarding activities at the site and are presented in Appendix C. Site logbook notes are included in Appendix A. Digital photographs taken by the EPA Team of site-related activities are presented in Appendix B.

3.1 SOIL REMOVAL

Prior to initiating the excavation activities, the Oklahoma One-Call System and local municipalities were called and utility mark-outs were performed by the utility service providers.

The area of excavation was excavated to the extent of no visible sludge remained. Confirmation samples were collected from the floor of the excavation following the completion of excavation. Excavation was considered complete when the confirmation sample results were reported below the site-specific action. All confirmation analytical results were reported at concentration below site-specific action level for benzo (a) pyrene (0.11 mg/kg); therefore further excavation was not required.

The excavation material was loaded directly into the dump trucks and transported by Yocham Trucking for off-site for disposal at the American Environmental Landfill, Inc. in Sand Springs, Oklahoma, as non-hazardous soil waste. A total of approximately 1,349 tons (approximately 921 cubic yards) of oil impacted soils and sludge were removed from the site during the removal action.

Table 3-1
Summary of Waste Disposal
Removal Report for Wilcox Oil Residence Site Removal
Bristow, Creek County, Oklahoma

Date	Designated Facility	Manifest Tracking Number	Waste Description	Containers		Total Quantity (tons)
				No.	Type	
10/27/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	6	DT	99.03
10/28/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	26	DT	418.02
10/29/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	33	DT	487.44
10/30/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	15	DT	241.19
11/2/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	3	DT	54.61
11/05/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	3	DT	48.36

Notes: DT - Dump Truck

3.2 CONFIRMATION SAMPLING

As part of the removal action support activities, confirmation soil samples were collected from each excavation area following the completion of removal activities. The EPA Team collected a total of five soil composite samples (including QA/QC samples) from a total of four excavation areas during the removal action. Excavation locations were established using GPS technology to obtain horizontal control of the sample locations.

Composite samples were collected from five points within the excavated area. The soil was homogenized in dedicated plastic bags then transferred to clean, unused, 8-ounce glass jars. Each sample was label, bagged, and placed in a cooler with ice. Sample coolers were shipped via FedEx to a subcontracted analytical laboratory.

The QA/QC samples were collected as part of the confirmation sample process. The EPA Team collected one blind field duplicate during the removal action. Analysis of the duplicate provides QA of sampling procedures and laboratory analytical data by evaluating reproducibility of results. Matrix spike samples were also collected to assist in the QA of the laboratory analytical procedures. One matrix spike sample was collected during the removal action. Other QA samples included temperature blanks placed in each cooler to evaluate the temperature of samples upon arrival at the laboratory. Analytical results are provided in Appendix F.

3.3 SITE RESTORATION

Post-excavation activities included restoring Property 006 to previous conditions. Prior to excavation, photographs were used to document the existing property conditions. Clean soil (as confirmed with sampling data collected from the fill material) was used to replace the excavated soil. Gravel was utilized to restore the driveway. In addition, six trees selected by Property 006 owner were planted to replace the trees removed to facilitate excavation. Where clean soil was placed, the area was hydro-seeded. A final site walk was completed to document the site conditions prior to returning to the property owner. Additionally, ERRS provided hydro-seed and tree care guidance to the property owner prior to project completion.

3.4 AIR MONITORING RESULTS

The EPA Team utilized a Multi Rac to conduct ambient air monitoring for volatile organic compounds (VOCs) during removal activities. Ambient air monitoring was completed throughout the days during removal activities. No readings above background were detected.

4 SAMPLE ANALYSES AND DATA EVALUATION

Test America Laboratories, Inc. (Test America) in Nashville, Tennessee, conducted analytical analyses of the samples collected from Property 006. Data validation was performed by START as part of the removal action in accordance with the EPA Contract Laboratory Program *National Functional Guidelines for Organic Superfund Data Review – January 2017* (EPA-S40-R-014-002). These tasks were conducted in accordance with the EPA technical requirements, WESTON's Quality Assurance Program, and the site-specific Quality Assurance Sampling Plan (QASP) (Appendix G).

A standard data management system that includes using bound field logbooks, site photographs, sample management and tracking procedures, document control, and inventory procedures for the laboratory data was utilized. SCRIBE software was utilized to manage and track sample information for samples submitted to the laboratories, and store analytical results data.

Confirmation samples were analyzed only for the constituents that exceeded the site-specific action levels (benzo (a) pyrene) during the previous assessments for the respective area of Property 006. The following method of analysis was conducted:

- SW-846 – Method 8270D SIM – PAHs, benzo(a)pyrene

Test America provided data packages for each chain of custody submitted. The laboratory documentation in these data packages includes records of instrument readings, calculations, calibrations, and quality assurance checks. The data packages were reviewed to verify that they met the EPA technical requirements and QA guidelines established for the respective analytical methods. Analytical Results are provided as Appendix F, and the data validation packages are provided as Appendix E.

5 SUMMARY

From 27 September to 11 October 2017, EPA conducted and successfully completed the removal action at the Wilcox Soil Superfund Site, Property 006. Removal Actions consisted of the removal and disposal of 1,349 tons (approximately 921 cubic yards) of oil impacted soils and sludge and restoration of the property and driveway.

A total of five confirmation samples (including QA/QC samples) were collected and submitted for analyses for PAHs during the removal action and were submitted to Test America. The laboratory data results were validated by START, and analytical results were compared to the site-specific screening level established by the EPA in the Action Memo.

Excavated areas were backfilled with clean soil and hydro-seeded and the gravel driveway restored. On 12 October 2017, the EPA Team completed field activities and demobilized from the site.

REMOVAL ACTION REPORT
FOR
WILCOX OIL RESIDENCE SITE REMOVAL
Ex. 6 Personal Privacy (PP)
BRISTOW, CREEK COUNTY, OKLAHOMA

Prepared for

U.S. Environmental Protection Agency Region 6
Will LaBombard, Project Officer
1445 Ross Avenue
Dallas, Texas 75202

Contract No. EP-S5-17-02
Technical Direction Document No. 0001/17-065
WESTON Work Order No. 20600.012.001.1065
NRC No. N/A
SEMS ID OK0001010917
FPN No. N/A
SSID A6GG
EPA OSC Steve Mason
START PTL Derrick Cobb

Prepared by

Weston Solutions, Inc.
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5599 San Felipe, Suite 700
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(713) 985-6600

December 2017

[ADVANCE \d6]EXECUTIVE SUMMARY

The U.S. Environmental Protection Agency (EPA) Region 6 Superfund Technical Assessment Response Team (START) contractor Weston Solutions, Inc. (WESTON®) was tasked by EPA Region 6 Emergency Management Branch (EMB) under contract EP-S5-17-02, Technical Direction Document (TDD) 0001/17-065 to provide technical assistance with a residential removal action at the Wilcox Oil Superfund Site, located in Bristow, Creek County, Oklahoma. The Superfund Enterprise Management System (SEMS) Identification Number for the site is OK0001010917.

The focus of this removal action was to remove oily sludge and oily contaminated soils from the residential property identified as Property 006 during previous assessment activities conducted under Technical Direction Document (TDD) 5/WESTIB-042-15-004. Emergency and Rapid Response Services (ERRS) contractor Environmental Restoration LLC (ER) was responsible for the excavation/disposal of oily sludge and contaminated soil, and restoration activities at Property 006. The removal activities took place between 27 September and 11 October 2017. Removal activities and analytical results are summarized as follows:

- Removal and disposal of 1,349 tons (approximately 921 cubic yards) of oil impacted soils and sludge.
- Four five-point composite confirmation samples collected from the bottom of the excavation area, did not exceed the site-specific action level of 0.11 milligrams per kilograms (mg/kg) for benzo(a)pyrene.
- Restoration of the property and driveway to pre-removal conditions.

START compiled logbook and photographic documentation of the removal activities utilizing SCRIBE and Response Manager.

This Removal Action Report was prepared to describe the technical scope of work that was completed as part of the TDD No. 0001/17-065. The EPA On-scene Coordinator (OSC) was Steve Mason. The EPA Team Project Team Leader (PTL) was Derrick Cobb.

☐ The EPA Task Monitor did not provide final approval of this report prior to the completion date of the work assignment. Therefore, Weston Solutions, Inc. has submitted this report absent the Task Monitor's approval.

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Appendix D	Pollution Reports
Appendix E	Data Validation Packages
Appendix F	Analytical Results
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1 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 6 Superfund Technical Assessment Response Team (START) contractor, Weston Solutions, Inc. (WESTON®) was tasked by Region 6 EPA Emergency Management Branch (EMB) under Contract Number EP-S5-17-02 Technical Direction Document (TDD) No. 0001/17-065 (Appendix H) to provide technical assistance, contractor oversight, and documentation of on-site activities during the removal action at the Wilcox Oil Residence site. A Site Location Map is provided as Figure 1-1. The removal action included the excavation of oily impacted soils and sludge, confirmation sampling, and site restoration.

This removal action report describes the technical scope of work for removal activities at the Wilcox Oil Residence Site Removal conducted by Environmental Restoration LLC (ER), the Emergency and Rapid Response Services (ERRS) contractors. The EPA On-scene Coordinator (OSC) was Steve Mason. The EPA Team Project Team Leader (PTL) was Derrick Cobb. The EPA Superfund Enterprise Management System (SEMS) Identification number for the site is OK0001010917.

1.1 PROJECT OBJECTIVES

The objective of this removal action was to eliminate the imminent threat and substantial endangerment to public health and welfare and the environment posed by on-site hazardous substances, pollutants, and contaminants at the Wilcox Oil Residence site. EPA accomplished the project objective through excavation and off-site disposal of oil impacted soils and sludge.

The objectives were achieved by excavation and off-site disposal of oily impacted soils, coordinating with EPA OSC Mason, and providing written and photographic documentation of site removal activities.

1.2 SCOPE OF WORK

The Removal Action scope of work included the following activities:

- Excavated and disposed oily impacted soils and sludge off-site.

- Conducted ambient air monitoring during removal activities.
- Collected confirmation samples from the bottom of the excavation areas to document that oil impacted soils and sludge were removed.
- Conducted site restoration activities once confirmation soil results determined that removal action objectives were met.
- Provided oversight and documentation of removal activities.
- Coordinated with EPA OSC and ERRS contractors.

1.3 REPORT FORMAT

This report has been organized as follows:

- Section 1 - Introduction
- Section 2 - Site Background
- Section 3 - Actions Taken
- Section 4 – Sample Analyses and Data Evaluation
- Section 5 - Summary

Additional information is provided in the appendices following the text of this report. The appendices are as follows:

- Appendix A Site Logbook
- Appendix B Digital Photographs
- Appendix C Waste Manifests
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- Appendix E Data Validation Packages
- Appendix F Analytical Results
- Appendix G Quality Assurance Sampling Plan
- Appendix H Technical Direction Document No. 0001/17-065

2 SITE BACKGROUND

This section presents a summary of background information for the Wilcox Oil Superfund Site including site location and description, operational and regulatory history, previous investigations, and sources of contamination.

2.1 SITE LOCATION AND DESCRIPTION

The Wilcox Oil Residence Site (Property 006) is part of the Wilcox Oil Superfund Site, an abandoned oil refinery and associated tank farm located north of Bristow, Creek County, Oklahoma. The geographic coordinates of the site are approximately Latitude 35.842144° North and Longitude -96.381456° West. The former Lorraine Refinery, including an associated tank farm, operated under numerous companies from approximately 1915 to 1937 when the property was sold to Wilcox Oil and Gas Company. Wilcox Oil and Gas Company purchased refinery operations on the remaining acres east of the railroad tracks and operated as a crude oil refinery from the 1920s until the property was sold on 01 November 1963. The site encompasses approximately 140 to 150 acres. A Site Area Map is provided as Figure 2-1, and a Site Property Map is provided as Figure 2-2.

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Results from previous investigations are presented in the EPA START-3 *Wilcox Oil Company Superfund Site Removal Assessment Report*, (TDD No. 5/WESTON-042-15-004) dated January 2016.

3 ACTIONS TAKEN

During this Wilcox Oil Residence Site Removal action, EPA removed sludge and oil impacted soil identified during the removal assessment and transported the material off-site for disposal. On 27 September 2017, ERRS, START, and EPA mobilized to Bristow, Creek County, Oklahoma, to begin preparing the site for removal activities that commenced on 28 September 2017. Preparations included identifying utility locations following mark-outs by the utility service providers, procuring equipment and materials required for removal activities, and setup of the Mobile Mini command post.

From 28 September through 11 October 2017, the EPA Team conducted the removal action that included the excavation area to depths between 6 inches and 48 inches. While on-site, the EPA Team provided written, photographic, and cost documentation for on-site activities. On-site activities included soil excavation, confirmation sampling, ambient air monitoring, site restoration, and communicating with the property owner. Additionally, START documented the excavation boundaries on Property 006, following excavation activities using a Geographic Information System (GIS) and handheld Geographic Positioning System (GPS) unit. The following components of this removal action were completed and are described in this section:

- Soil Removal
- Confirmation Sampling
- Ambient Air Monitoring
- Site Restoration

Pollution Reports (POLREPs) were written by the EPA Team to provide status updates regarding activities at the site and are presented in Appendix C. Site logbook notes are included in Appendix A. Digital photographs taken by the EPA Team of site-related activities are presented in Appendix B.

3.1 SOIL REMOVAL

Prior to initiating the excavation activities, the Oklahoma One-Call System and local municipalities were called and utility mark-outs were performed by the utility service providers.

The area of excavation was excavated to the extent of no visible sludge remained. Confirmation samples were collected from the floor of the excavation following the completion of excavation. Excavation was considered complete when the confirmation sample results were reported below the site-specific action. All confirmation analytical results were reported at concentration below site-specific action level for benzo (a) pyrene (0.11 mg/kg); therefore further excavation was not required.

The excavation material was loaded directly into the dump trucks and transported by Yocham Trucking for off-site for disposal at the American Environmental Landfill, Inc. in Sand Springs, Oklahoma, as non-hazardous soil waste. A total of approximately 1,349 tons (approximately 921 cubic yards) of oil impacted soils and sludge were removed from the site during the removal action.

Table [STYLEREF 1 \s]-[SEQ Table * ARABIC \s 1]
Summary of Waste Disposal
Removal Report for Wilcox Oil Residence Site Removal
Bristow, Creek County, Oklahoma

Date	Designated Facility	Manifest Tracking Number	Waste Description	Containers		Total Quantity (tons)
				No.	Type	
10/27/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	6	DT	99.03
10/28/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	26	DT	418.02
10/29/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	33	DT	487.44
10/30/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	15	DT	241.19
11/2/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	3	DT	54.61
11/05/17	American Environmental Landfill, Inc.	MN520WIL01	Non-Hazardous Soil	3	DT	48.36

Notes: DT - Dump Truck

3.2 CONFIRMATION SAMPLING

As part of the removal action support activities, confirmation soil samples were collected from each excavation area following the completion of removal activities. The EPA Team collected a total of five soil composite samples (including QA/QC samples) from a total of four excavation areas during the removal action. Excavation locations were established using GPS technology to obtain horizontal control of the sample locations.

Composite samples were collected from five points within the excavated area. The soil was homogenized in dedicated plastic bags then transferred to clean, unused, 8-ounce glass jars. Each sample was label, bagged, and placed in a cooler with ice. Sample coolers were shipped via FedEx to a subcontracted analytical laboratory.

The QA/QC samples were collected as part of the confirmation sample process. The EPA Team collected one blind field duplicate during the removal action. Analysis of the duplicate provides QA of sampling procedures and laboratory analytical data by evaluating reproducibility of results. Matrix spike samples were also collected to assist in the QA of the laboratory analytical procedures. One matrix spike sample was collected during the removal action. Other QA samples included temperature blanks placed in each cooler to evaluate the temperature of samples upon arrival at the laboratory. Analytical results are provided in Appendix F.

3.3 SITE RESTORATION

Post-excavation activities included restoring Property 006 to previous conditions. Prior to excavation, photographs were used to document the existing property conditions. Clean soil (as confirmed with sampling data collected from the fill material) was used to replace the excavated soil. Gravel was utilized to restore the driveway. In addition, six trees selected by Property 006 owner were planted to replace the trees removed to facilitate excavation. Where clean soil was placed, the area was hydro-seeded. A final site walk was completed to document the site conditions prior to returning to the property owner. Additionally, ERRS provided hydro-seed and tree care guidance to the property owner prior to project completion.

3.4 AIR MONITORING RESULTS

The EPA Team utilized a Multi Rac to conduct ambient air monitoring for volatile organic compounds (VOCs) during removal activities. Ambient air monitoring was completed throughout the days during removal activities. No readings above background were detected.

4 SAMPLE ANALYSES AND DATA EVALUATION

Test America Laboratories, Inc. (Test America) in Nashville, Tennessee, conducted analytical analyses of the samples collected from Property 006. Data validation was performed by START as part of the removal action in accordance with the EPA Contract Laboratory Program *National Functional Guidelines for Organic Superfund Data Review – January 2017* (EPA-S40-R-014-002). These tasks were conducted in accordance with the EPA technical requirements, WESTON's Quality Assurance Program, and the site-specific Quality Assurance Sampling Plan (QASP) (Appendix G).

A standard data management system that includes using bound field logbooks, site photographs, sample management and tracking procedures, document control, and inventory procedures for the laboratory data was utilized. SCRIBE software was utilized to manage and track sample information for samples submitted to the laboratories, and store analytical results data.

Confirmation samples were analyzed only for the constituents that exceeded the site-specific action levels (benzo (a) pyrene) during the previous assessments for the respective area of Property 006. The following method of analysis was conducted:

- SW-846 – Method 8270D SIM – PAHs, benzo(a)pyrene

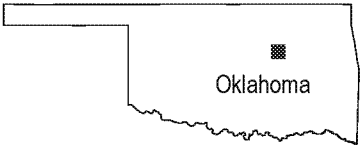
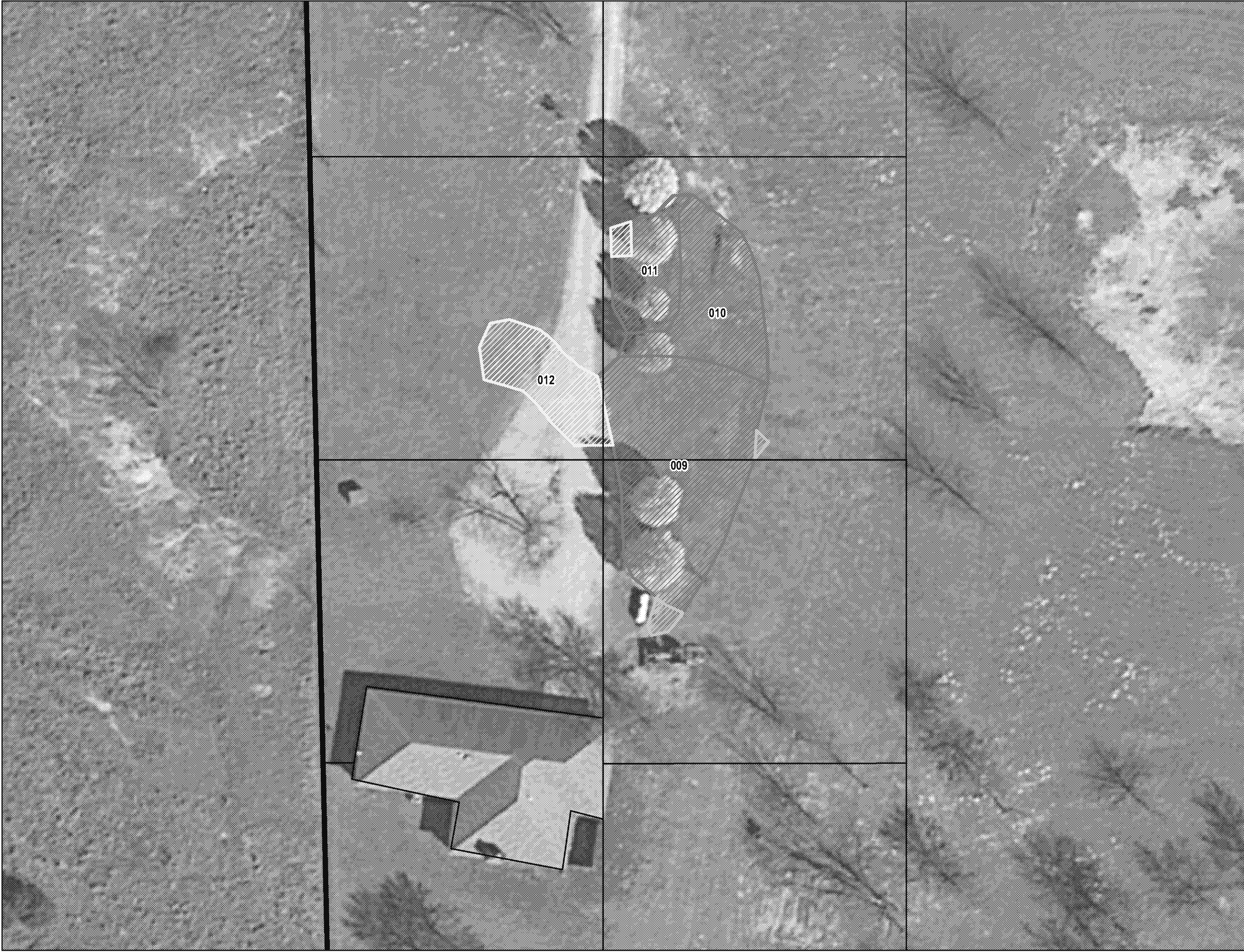
Test America provided data packages for each chain of custody submitted. The laboratory documentation in these data packages includes records of instrument readings, calculations, calibrations, and quality assurance checks. The data packages were reviewed to verify that they met the EPA technical requirements and QA guidelines established for the respective analytical methods. Analytical Results are provided as Appendix F, and the data validation packages are provided as Appendix E.

5 SUMMARY


From 27 September to 11 October 2017, EPA conducted and successfully completed the removal action at the Wilcox Soil Superfund Site, Property 006. Removal Actions consisted of the removal and disposal of 1,349 tons (approximately 921 cubic yards) of oil impacted soils and sludge and restoration of the property and driveway.

A total of five confirmation samples (including QA/QC samples) were collected and submitted for analyses for PAHs during the removal action and were submitted to Test America. The laboratory data results were validated by START, and analytical results were compared to the site-specific screening level established by the EPA in the Action Memo.


Excavated areas were backfilled with clean soil and hydro-seeded and the gravel driveway restored. On 12 October 2017, the EPA Team completed field activities and demobilized from the site.




LEGEND

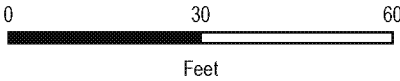
 Property Boundary

Excavation Depth

 6-Inch

 3-Foot

 4-Foot



TDD NO: 0001/17-065
SEMS NO: OK0001010917
SSID: A6GG

SOURCE: Google, 2017



USEPA REGION 6

FIGURE 2-2
SITE PROPERTY MAP
WILCOX OIL RESIDENCE
SITE REMOVAL ACTION
Ex. 6 Personal Privacy (PP)
BRISTOW, CREEK COUNTY, OKLAHOMA

DATE	PROJECT NO	SCALE
DECEMBER, 2017	20600.012.001.1065.01	AS SHOWN

Message

From: McKinney, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34FC535BB44147479983BF6CE1DF9BA2-MCKINNEY, JASON]
Sent: 5/19/2021 4:54:04 PM
To: Katrina Coltrain [Coltrain.Katrina@epa.gov]
Subject: Wilcox Oil Call

Katrina,

Good Morning, I got a call yesterday and today from William Newton and he is in the process of purchasing the property across the street from the old Church. He said it is adjacent to the site. He was told by the lender that the property he is purchasing is clear and has nothing to do with the site.

He has 4 days to pull out of the deal and he would just like to hear from us that the property is good and not contaminated from our site.

Can you give him a call? His number is Ex. 6 Personal Privacy (PP)

I was off yesterday and also off today but I told him either way I would get back to him today. IF you are not working, I was think about getting into contract with Todd.

Let me know what you would like me to do.

Thank you and hope you and your family are safe and well.

Respectfully,

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
Regional Community Advisory Group (CAG) Manager;
Office of the Regional Administrator
Community Involvement Team (ORA-XO)
1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

Message

From: McKinney, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34FC535BB44147479983BF6CE1DF9BA2-MCKINNEY, JASON]
Sent: 5/19/2021 5:12:12 PM
To: todd. downham (todd.downham@deq.ok.gov) [todd.downham@deq.ok.gov]
Subject: Wilcox Oil Call

Hi Todd,

Good Afternoon, I got a call yesterday and today from William Newton and he is in the process of purchasing the property across the street from the old Church. He said it is adjacent to the site. He was told by the lender that the property he is purchasing is clear and has nothing to do with the site.

He has 4 days to pull out of the deal and he would just like to hear from us that the property is good and not contaminated from our site.

I emailed Katrina but haven't heard back from her. I told him that one of us would get back to him.

Can you give him a call? His number is Ex. 6 Personal Privacy (PP)

Thank you

Respectfully,

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
Regional Community Advisory Group (CAG) Manager;
Office of the Regional Administrator
Community Involvement Team (ORA-XO)
1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

Message

From: McKinney, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34FC535BB44147479983BF6CE1DF9BA2-MCKINNEY, JASON]
Sent: 8/5/2021 8:26:48 PM
To: Ex. 6 Personal Privacy (PP)
Subject: Wilcox Oil Information

Hello Mrs. Cassidy

I just email Katrina Higgins-Colrain (EPA) and Todd Downham (Oklahoma Department of Environmental Quality) and I should hear back from them shortly. I would rather wait to hear back from them myself instead of just giving you their phone numbers and emails, that way I am should you got your questions answer.

If I don't hear back from them we can go to the next lever tomorrow. Please give me a call if you don't hear from me tomorrow.

Thank you

Respectfully,

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
Regional Community Advisory Group (CAG) Manager;
Office of the Regional Administrator
Community Involvement Team (ORA-XO)
1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

Message

From: McKinney, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34FC535BB44147479983BF6CE1DF9BA2-MCKINNEY, JASON]
Sent: 8/5/2021 8:30:08 PM
To: Ex. 6 Personal Privacy (PP)
Subject: June 2018 Proposed Plan for the Wilcox Oil Superfund Site.
Attachments: Wilcox Oil Proposed Plan June 2018.pdf

Mrs. Cassidy,

Here is the latest Proposed Plan for the Wilcox Oil site. This will help you get up to speed with the site.
thank you

Respectfully,

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
Regional Community Advisory Group (CAG) Manager;
Office of the Regional Administrator
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Dallas, TX 75270
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Fax: 214-665-6660
Email: mckinney.jason@epa.gov

Message

From: McKinney, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34FC535BB44147479983BF6CE1DF9BA2-MCKINNEY, JASON]
Sent: 8/5/2021 9:13:18 PM
To: Todd Downham [Todd.Downham@deq.ok.gov]; Coltrain, Katrina [coltrain.katrina@epa.gov]
CC: Amy.Brittain@deq.ok.gov
Subject: RE: Wilcox Oil Call

Great, Thank Todd.

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
Regional Community Advisory Group (CAG) Manager;
Office of the Regional Administrator
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1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

From: Todd Downham <Todd.Downham@deq.ok.gov>
Sent: Thursday, August 5, 2021 4:11 PM
To: McKinney, Jason <McKinney.Jason@epa.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>
Cc: Amy.Brittain@deq.ok.gov
Subject: RE: Wilcox Oil Call

Thanks for the information. I will contact Ex. 6 Personal Privacy (PP) today.

Based on my initial search of the location, it appears that the property is at a considerable distance from the Wilcox site.

Todd Downham
Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: McKinney, Jason <McKinney.Jason@epa.gov>
Sent: Thursday, August 5, 2021 3:31 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Todd Downham <Todd.Downham@deq.ok.gov>
Subject: [EXTERNAL] RE: Wilcox Oil Call

Ok sounds good. I just sent her a copy of the June 2018 Proposed Plan. That was the last document I had.

Hope that is ok...
thanks

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
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1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Thursday, August 5, 2021 3:29 PM
To: McKinney, Jason <McKinney.Jason@epa.gov>; todd.downham@deq.ok.gov
Subject: RE: Wilcox Oil Call

I will be out of the office through next week. I will defer to Todd.

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: McKinney, Jason <McKinney.Jason@epa.gov>
Sent: Thursday, August 5, 2021 4:21 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deq.ok.gov
Subject: Wilcox Oil Call

Katrina and Todd,
I got a call from a local resident that is wanting to purchase property near our site. I just got off the phone with her and she advised that she would like to purchase the property at Ex. 6 Personal Privacy (PP). She stated that there is one well on the property that she had tested and it came back positive. She also had the soil tested and she was advised that she could not grow anything on her land if she purchases it. She has a few technical questions that she would like to ask you. . After we got off I google the address and it pretty far north. If the plume or contamination is too far south and you would prefer me talk to her and advise her that she has nothing to worry about with contamination from the site, I will. However, if you could also let me know who she can talk to about contaminants on her potential property that would be nice.
If you would like to talk to her:

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Please let me know what you would like me to do.
thanks

Respectfully,

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
Regional Community Advisory Group (CAG) Manager;
Office of the Regional Administrator
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1201 Elm Street, Suite 500
Dallas, TX 75270
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

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From: McKinney, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34FC535BB44147479983BF6CE1DF9BA2-MCKINNEY, JASON]
Sent: 8/5/2021 10:53:30 PM
To: Todd Downham [Todd.Downham@deq.ok.gov]; Coltrain, Katrina [coltrain.katrina@epa.gov]
CC: Amy.Brittain@deq.ok.gov
Subject: RE: Wilcox Oil Call

Great, Thank you Todd. I told her that either you or Katrina were the ones to talk too.

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
Regional Technical Assistance Services for Communities (TASC) Manager,
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Fax: 214-665-6660
Email: mckinney.jason@epa.gov

From: Todd Downham <Todd.Downham@deq.ok.gov>
Sent: Thursday, August 5, 2021 5:37 PM
To: McKinney, Jason <McKinney.Jason@epa.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>
Cc: Amy.Brittain@deq.ok.gov
Subject: RE: Wilcox Oil Call

I had a good conversation with her and was able to address all of her concerns.
Thanks.

Todd Downham
Environmental Programs Specialist
Department of Environmental Quality
Land Protection Division
(405) 702-5136
todd.downham@deq.ok.gov

From: McKinney, Jason <McKinney.Jason@epa.gov>
Sent: Thursday, August 5, 2021 4:13 PM
To: Todd Downham <Todd.Downham@deq.ok.gov>; Coltrain, Katrina <coltrain.katrina@epa.gov>
Cc: Amy Brittain <Amy.Brittain@deq.ok.gov>
Subject: [EXTERNAL] RE: Wilcox Oil Call

Great, Thank Todd.

Jason T. McKinney

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Sent: Thursday, August 5, 2021 4:11 PM
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Todd Downham
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From: McKinney, Jason <McKinney.Jason@epa.gov>
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To: Coltrain, Katrina <coltrain.katrina@epa.gov>; Todd Downham <Todd.Downham@deg.ok.gov>
Subject: [EXTERNAL] RE: Wilcox Oil Call

Ok sounds good. I just sent her a copy of the June 2018 Proposed Plan. That was the last document I had.
Hope that is ok...
thanks

Jason T. McKinney

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Tel: 214-665-8132
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Email: mckinney.jason@epa.gov

From: Coltrain, Katrina <coltrain.katrina@epa.gov>
Sent: Thursday, August 5, 2021 3:29 PM
To: McKinney, Jason <McKinney.Jason@epa.gov>; todd.downham@deg.ok.gov
Subject: RE: Wilcox Oil Call

I will be out of the office through next week. I will defer to Todd.

Katrina Higgins-Coltrain
Remedial Project Manager
U.S. Environmental Protection Agency, Region 6
Remedial Branch (SEDRL)
1201 Elm Street, Suite 500
Dallas, Texas 75270-2102
214-665-8143

From: McKinney, Jason <McKinney.Jason@epa.gov>
Sent: Thursday, August 5, 2021 4:21 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>; todd.downham@deg.ok.gov
Subject: Wilcox Oil Call

Katrina and Todd,
I got a call from a local resident that is wanting to purchase property near our site. I just got off the phone with her and she advised that she would like to purchase the property at **Ex. 6 Personal Privacy (PP)**. She stated that there is one well on the property that she had tested and it came back positive. She also had the soil tested and she was advised that she could not grow anything on her land if she purchases it. She has a few technical questions that she would like to ask you. . After we got off I google the address and it pretty far north. If the plume or contamination is too far south and you would prefer me talk to her and advise her that she has nothing to worry about with contamination from the site, I will. However, if you could also let me know who she can talk to about contaminates on her potential property that would be nice.
If you would like to talk to her:

Ex. 6 Personal Privacy (PP)

Please let me know what you would like me to do.
thanks

Respectfully,

Jason T. McKinney

Jason T. McKinney

U.S. Environmental Protection Agency, Region 6
Senior Public Affairs Specialist,
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1201 Elm Street, Suite 500
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Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

Message

From: McKinney, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34FC535BB44147479983BF6CE1DF9BA2-MCKINNEY, JASON]
Sent: 8/14/2018 3:22:48 PM
To: Siedschlag, Gregory [Siedschlag.Gregory@epa.gov]
Subject: RE: Wilcox Oil Company resident needs questions answered

Thanks Gregory, Bill is retired now but I will take care of it.
Thanks again for passing this on to us...

Jason T. McKinney

Jason T. McKinney
U.S. Environmental Protection Agency, Region 6
Regional Technical Assistance Services for Communities (TASC) Coordinator,
Regional Community Advisory Group (CAG) Manager,
Community Involvement Coordinator
Community Involvement Team (6SF-VO)
Superfund Division
1445 Ross Avenue
Dallas, TX 75202
Tel: 214-665-8132
Fax: 214-665-6660
Email: mckinney.jason@epa.gov

From: Siedschlag, Gregory
Sent: Tuesday, August 14, 2018 9:23 AM
To: Little, Bill <Little.Bill@epa.gov>; McKinney, Jason <McKinney.Jason@epa.gov>
Subject: Wilcox Oil Company resident needs questions answered
Importance: High

Hi Bill and Jason,

We received this webmail at HQ through the Superfund website. (We have a bit of a backlog that I'm clearing out.) Could one of you follow up with this gentleman to answer his questions?

Submitted on 07/16/2018 5:03PM
Submitted values are:

Name: John Onorato

Email:

Comments: I purchased a home via foreclosure and have since learned that the home is in the EPA superfund hazardous/polluted zone. I cannot sell it. A clerk at the water department told me the property has been condemned and sludge is coming up through the well. I spoke with an attorney, but was told that the seller was not required to disclose the property and it's issues because it's not required in foreclosures. I'm trying to sell it now and cannot. Please help!

Submitted on 07/16/2018 5:10PM
Submitted values are:

Name: John Onorato

Email:

Comments:

I forgot to disclose the address in the previous email:

Ex. 6 Personal Privacy (PP)

Thanks,

Greg Siedschlag

Communications Lead

Office of Superfund Remediation and Technology Innovation

U.S. Environmental Protection Agency

Office: (703) 603-9044

Cell: (571) 255-0284

Follow us on Twitter [@EPASuperfund](#)

<https://www.epa.gov/superfund>